VERNON
ROYAL
LINE

Coleoptera

Record in columns 61 – 65 which type cells are actually dividing in following manner:

type	1°	2°	tids	mature sperm
dividing	1	1	1	1
not	2	2	2 (metaphasing)	2

Calcomyst

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: _____

No. 16-10 Date 10/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		75 - 247.5	4 - 69.3
2		64 211.2	21 69.3
3		56 184.8	19 62.7
4		54 178.2	21 69.3
5		70 231.0	16 52.8
6		68 224.4	15 49.5
7		64 211.2	17 56.1
8		63 207.9	20 66.0
9		58 191.4	12 39.6
10		78 257.4	20 66.0
T		2145.0	600.4
$\bar{x}$		214.5	60.1

Sertoli Cells: Rem

Remarks:

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nucleat diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
X			

Sertoli Cells: _____

Remarks: _____

No. 16-11 Date 12/59

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1	55 - 181.5	8 - 26.4
2	59 194.7	12 39.6
3	57 188.1	16 52.8
4	49 161.7	15 49.5
5	54 178.2	10 33.0
6	56 184.8	16 52.8
7	68 224.4	16 52.8
8	61 201.3	12 39.6
9	51 168.3	9 29.7
10	69 227.7	15 49.5
T	1910.7	425.7
$\bar{x}$	191.1	42.6

Sertoli Cells: seen

Remarks:

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{X}$			

Sertoli Cells: _____

Remarks: _____

No. 16-12 Date 10/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		60 - 198.0	13 - 42.9
2		62 204.6	17 56.1
3		63 207.9	19 62.7
4		66 217.8	14 46.2
5		67 221.1	14 46.2
6		62 204.6	15 49.5
7		53 174.9	6 19.8
8		57 188.1	11 36.3
9		54 178.2	15 49.5
10		56 184.8	18 59.4
T		1980.0	468.6
$\bar{x}$		198.0	46.9

Sertoli Cells: not seen

Remarks:

No. 16-13 Date 10/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		76 - 250.8	11 - 36.3
2		60 198.0	14 46.2
3		75- 247.5	15- 49.5-
4		65- 214.5	12 39.6
5		61 201.3	12 39.6
6		68 224.4	13 42.9
7		73 240.9	17 56.1
8		75- 247.5-	15- 49.5-
9		61 201.3	20 66.0
10		75- 247.5-	13 42.9
T		2273.7	468.6
$\bar{x}$		227.4	46.9

Sertoli Cells: Dense

Remarks:

No. 16-14 Date 10/59

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	72 - 237.6	22 - 72.6
2	74 244.2	10 33.0
3	69 227.7	17 56.1
4	66 217.8	11 36.3
5	53 174.9	10 33.0
6	59 194.7	20 66.0
7	51 168.3	17 56.1
8	66 217.8	13 42.9
9	57 188.1	17 56.1
10	57 188.1	15 49.5
T	2059.2	501.6
$\bar{x}$	205.9	50.2

Sertoli Cells: not seen

Remarks:

No. 16-21 Date V/59

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	61 - 201.3	16 - 52.8
2	66 217.8	16 52.8
3	53 174.9	16 52.8
4	64 211.2	10 33.0
5	70 231.0	9 29.7
6		
7		
8		
9		
10		
T	1036.2	221.1
$\bar{x}$	207.2	44.2

Sertoli Cells: Rare

Remarks:

No. 16-22 Date V/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		57 - 188.1	14 - 46.2
2		51 168.3	10 33.0
3		43 141.9	9 29.7
4		65 214.5	11 36.3
5		46 151.8	13 42.9
6		58 191.4	15 49.5
7		42 138.6	16 52.8
8		64 211.2	13 42.9
9		45 148.5	15 49.5
10		52 171.6	15 49.5
T		1725.9	432.3
$\bar{x}$		172.6	43.2

Sertoli Cells: seen

Remarks:

No. 16-23 Date 4/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		72 - 237.6	21 - 69.3
2		60 198.0	11 36.3
3		78 257.4	13 42.9
4		81 267.3	8 26.4
5			
6			
7			
8			
9			
10			
T		960.3	174.9
$\bar{x}$		240.1	43.7

Sertoli Cells: seen

Remarks: major portion of each tubule sloughed into center

No. 16-24 Date 4/65

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		50 - 165.0	11 - 36.3
2		66 217.5	16 52.8
3		59 194.7	10 33.0
4			
5			
6			
7			
8			
9			
10			
T		577.5	122.1
$\bar{x}$		192.5	40.7

Sertoli Cells: not seen

Remarks:

No. 16-28 Date 4/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		43 - 141.9	
2		47 155.1	
3		39 128.7	
4		39 128.7	
5		58 191.4	
6		50 165.0	
7		34 112.2	
8		43 141.9	
9			
10			
T		1164.9	
$\bar{x}$		145.6	

Sertoli Cells: seen

Remarks: probably a late T-tub lumen indistinct

No. 16-29 Date 4/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		63 - 207.9	12 - 39.6
2		73 240.9	17 56.1
3		62 204.6	15 49.5
4		100 330.0	16 52.8
5		62 204.6	15 49.5
6		69 227.7	19 62.7
7		63 207.9	15 49.5
8			
9			
10			
T		1623.6	359.7
$\bar{x}$		231.9	51.4

Sertoli Cells: seen

Remarks:

No. 16-30 Date 11/e59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		58 - 191.4	19 - 62.7
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$		191.4	62.7

Sertoli Cells: clear

Remarks: Tubules shattered

No. 16-31 Date 4/59

Spermatogenic Condition [illegible] 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 191.4	15 - 49.5
2		55 - 181.5	13 42.9
3		61 201.3	11 36.3
4		59 194.7	19 62.7
5		58 191.4	15 - 49.5 -
6		53 174.9	14 46.2
7		62 204.6	21 69.3
8		52 - 171.6	20 66.0
9		59 194.7	11 36.3
10		56 184.8	14 46.2
T		1890.9	504.9
$\bar{x}$		189.1	50,5

Sertoli Cells: seen

Remarks:

No. 16-32 Date V/59

Spermatogenic Condition 2 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		47 - 155.1	11 - 36.3
2		53 174.9	17 56.1
3		55 181.5	17 56.1
4		50 165.0	10 33.0
5		50 165.0	10 33.0
6		62 204.6	10 33.0
7		48 158.4	11 36.3
8		54 178.2	12 39.6
9		52 171.6	11 36.3
10		48 158.4	11 36.3
T		1712.7	396.0
$\bar{x}$		171.3	39.6

Sertoli Cells: Norm

Remarks:

No. 16-33 Date 4/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		38 — 120.4	11 — 36.3
2		47 153.1	11 36.3
3		45 — 148.5 —	14 46.2
4		46 151.8	8 26.4
5		44 145.2	15 — 49.5 —
6		44 145.2	12 39.6
7		46 151.8	16 52.8
8			
9			
10			
T		1023.0	287.1
$\bar{x}$		146.1	41.0

Sertoli Cells: seen

Remarks:

No. 16-34 Date 11/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		67 - 221.1	17 - 56.1
2		81 267.3	12 39.6
3		61 201.3	12 39.6
4			
5			
6			
7			
8			
9			
10			
T		689.7	135.3
$\bar{x}$		229.9	45.1

Sertoli Cells:

Remarks: small piece of testis

No. 16-42 Date 11/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	13 - 42.9
2		50 165.0	11 36.3
3		50 165.0	11 36.3
4		43 141.9	11 36.3
5		53 174.9	13 42.9
6		51 168.3	20 66.0
7		53 174.9	10 33.0
8			
9			
10			
T		1188.0	293.7
$\bar{x}$		169.7	42.0

Sertoli Cells: seen

Remarks: Tubules broken in some areas

No. 16-43 Date 11/59

Spermatogenic Condition 4

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	43 - 141.9	10 - 33.0
2	85 280.5	15 49.5
3	51 168.3	14 46.2
4	56 184.8	15 49.5
5	54 178.2	13 42.9
6	60 198.0	12 39.6
7	51 168.3	23 75.9
8	45 148.5	15 49.5
9	59 194.7	12 39.6
10	53 174.9	19 62.7
T	1838.1	488.4
$\bar{x}$	183.8	48.8

Sertoli Cells: seen

Remarks: cells divide in counting circles instead of wedges; 2° spermatocyte nuclei have irregular instead of regular shape

E = 46.2 μ (3)

No. 16-44 Date VI/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		81 - 267.3	20 - 66.0
2		100 330.0	20 66.0
3		105 346.5	18 59.4
4		86 283.8	12 39.6
5			
6			
7			
8			
9			
10			
T		1227.6	231.0
$\bar{x}$		306.9	57.8

Sertoli Cells: seen

Remarks:

No. 16-45 Date VI/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		59 - 194.7	15 - 49.5
2		72 237.6	13 42.9
3		88 290.4	25 82.5
4		75 247.5	16 52.8
5		78 257.4	16 52.8
6		55 181.5	15 49.5
7		64 211.2	22 72.6
8		58 191.4	12 39.6
9		51 168.3	16 52.8
10		83 273.9	22 72.6
T		2253.9	567.6
$\bar{x}$		225.4	56.8

Sertoli Cells: Seen

Remarks:

No. 16-46 Date VI/59

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	55	181.5	13	42.9
2	57	188.1	8	26.4
3	64	211.2	13	42.9
4	70	231.0	7	23.1
5	60	198.0	11	36.3
6	61	201.3	16	52.8
7	65	214.5	23	75.9
8	65	214.5	21	69.3
9	57	188.1	17	56.1
10	45	148.5	14	46.2
T		1976.7		471.9
$\bar{x}$		197.7		47.2

Sertoli Cells: seen

Remarks: $\bar{x}$° spermatocyte nuclei lighter than ~~others~~ those in iguanid genera

No. 16-47 Date 01/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		81 - 267.3	20 - 66.0
2		88 290.4	15 49.5
3		53 174.9	12 39.6
4		46 151.8	16 52.8
5		60 198.0	20 66.0
6		54 178.2	13 42.9
7		75 247.5	10 33.0
8		45 148.5	11 36.3
9		59 194.7	19 62.7
10		46 151.8	9 29.7
T		2003.1	478.5
$\bar{x}$		200.3	47.8

Sertoli Cells: Rare

Remarks:

No. 16-56 Date Vic/59

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	70 - 231.0	13 - 42.9
2	63 207.9	13 42.9
3		
4		
5		
6		
7		
8		
9		
10		
T	438.9	
$\bar{x}$	219.4	42.9

Sertoli Cells: seen

Remarks: sections cut wrong for many lumens to be visible

No. 16-57 Date 4/6/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		65 – 214.5	20 – 66.0
2		61 201.3	14 46.2
3		73 240.9	20 66.0
4		50 165.0	17 56.1
5		65 214.5	13 42.9
6		71 234.3	20 66.0
7		60 198.0	15 49.5
8		64 211.2	7 23.1
9		50 165.0	12 39.6
10		65 214.5	20 66.0
T		2059.2	521.4
$\bar{x}$		205.9	52.1

Sertoli Cells: none

Remarks:

No. 16-58 Date 1/6/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
		45 - 148.5	11 - 36.3
1		55 181.5	6 19.8
2		64 211.2	10 33.0
3		52 171.6	15 49.5
4		71 234.3	18 59.4
5			
6			
7			
8			
9			
10			
T		947.1	198.0
$\bar{x}$		189.4	39.6

Sertoli Cells: rare

Remarks:

No. 16-63 Date VIII/5-9

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		273.9	66.0
2		240.9	72.6
3		194.7	36.3
4		165.0	42.9
5		194.7	69.3
6		161.7	42.9
7		181.5	59.4
8		221.1	62.7
9		231.0	49.5
10		161.7	33.0
T		2026.2	534.6
$\bar{x}$		202.6	53.5

Sertoli Cells: seen

Remarks:

No. 16-64 Date VIII/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		165. - 214.5	16 - 52.8
2		72 237.6	15 49.5
3		57 188.1	15 49.5
4		48 158.4	15 49.5
5		60 198.0	18 59.4
6		72 237.6	21 69.3
7		52 171.6	19 62.7
8			
9			
10			
T		1405.8	392.7
$\bar{x}$		200.8	56.1

Sertoli Cells: seen

Remarks:

No. 16-65 Date VIII/5-9

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		43 - 141.9	12 - 39.6
2		41 135.3	9 29.7
3		42 138.6	13 42.9
4		51 168.3	20 66.0
5		56 184.8	23 75.9
6		53 174.9	11 36.3
7		53 174.9	16 52.8
8		43 141.9	14 46.2
9		47 155.1	10 33.0
10		52 171.6	12 39.6
T		1557.3	462.0
$\bar{x}$		158.7	46.2

Sertoli Cells: seen

Remarks:

No. 16-66 Date VIII/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		70. - 231.0	13 - 42.9
2		61 201.3	10 33.0
3		76 250.8	17 56.1
4		86 283.8	15 49.5
5		52 171.6	24 79.2
6		79 260.7	14 46.2
7		70 231.0	24 79.2
8			
9			
10			
T		1630.2	386.1
$\bar{x}$		~~232.9~~ ~~23.3~~	55.2

Sertoli Cells: seen

Remarks:

No. 16-68 Date Jan 11/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24. - 69.3	
2		19 62.7	
3		25 82.5	
4		25 82.5	
5		25 82.5	
6		24 79.2	
7		28 92.4	
8		25 82.5	
9		26 85.8	
10		24 79.2	
T		798.6	
$\bar{x}$		79.9	

Sertoli Cells: seen

Remarks: possibly a gland?

No. 16-49 Date VIII/59

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		60. - 198.0	11 - 36.3
2		53 174.9	15 49.5
3		48 158.4	9 29.7
4		64 211.2	20 66.0
5		55 181.5	18 59.4
6			
7			
8			
9			
10			
T		924.0	240.9
$\bar{x}$		184.8	48.2

Sertoli Cells: not seen

Remarks:

E = 49.5 µ (2)

No. 16-70 Date IX/59

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis

E = 16.5 μ 2 + debris

No. 16-71 Date 1x4 s 9

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		20 - 66.0	
2		22 72.6	
3		26 85.8	
4		25 82.5	
5		39 128.7	
6		27 89.1	
7		22 72.6	
8		20 66.0	
9		20 66.0	
10		30 99.0	
T		828.3	
$\bar{x}$		82.8	

Sertoli Cells: xxx n

Remarks:

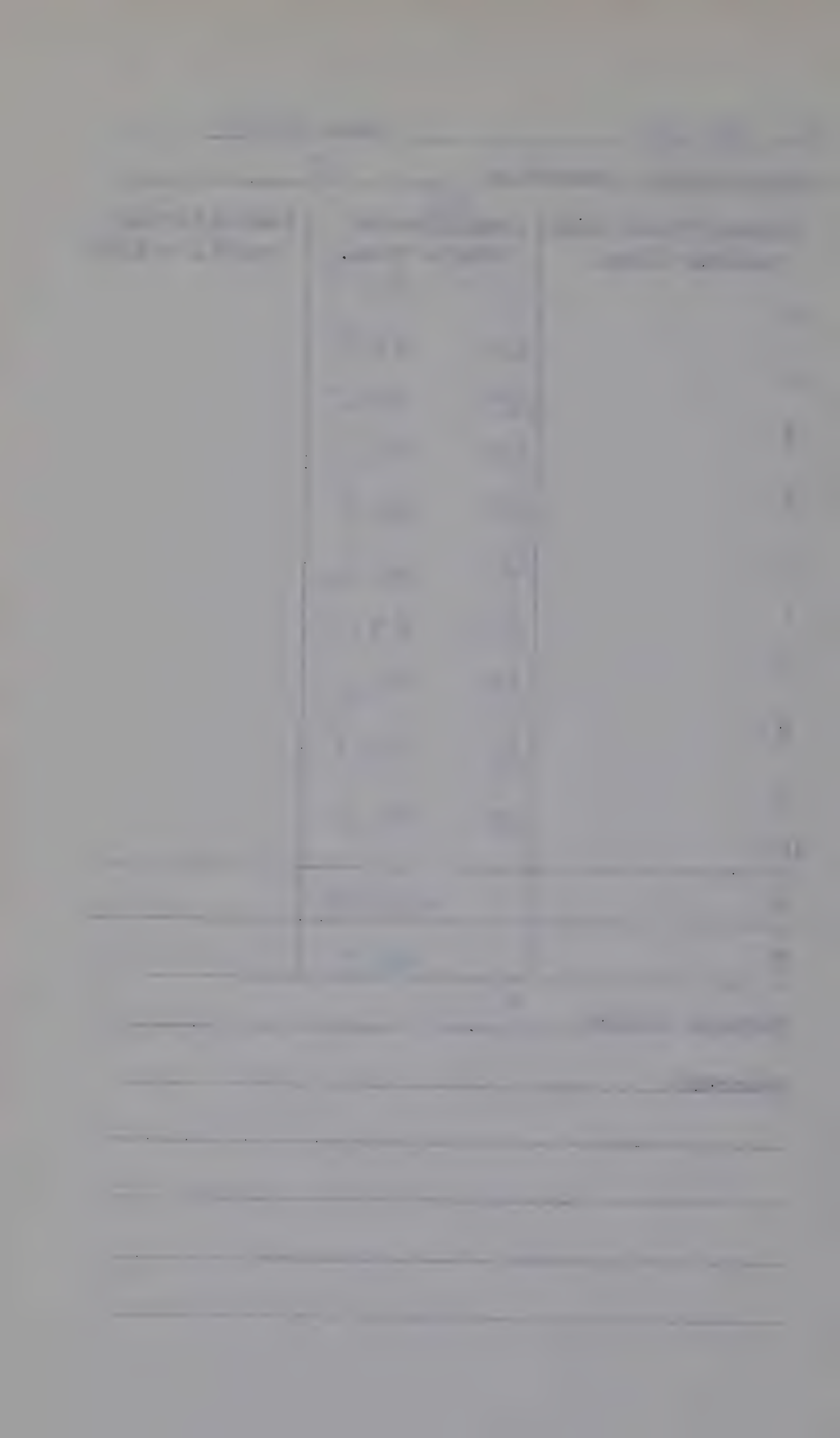
No. 16-72 Date X/59

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		15 – 49.5	
2		13 42.9	
3		15 49.5	
4		13 42.9	
5		13 42.9	
6		14 46.2	
7		15 49.5	
8		13 42.9	
9		16 52.8	
10		13 42.9	
T		462.0	
$\bar{x}$		46.2	

Sertoli Cells: ?

Remarks:



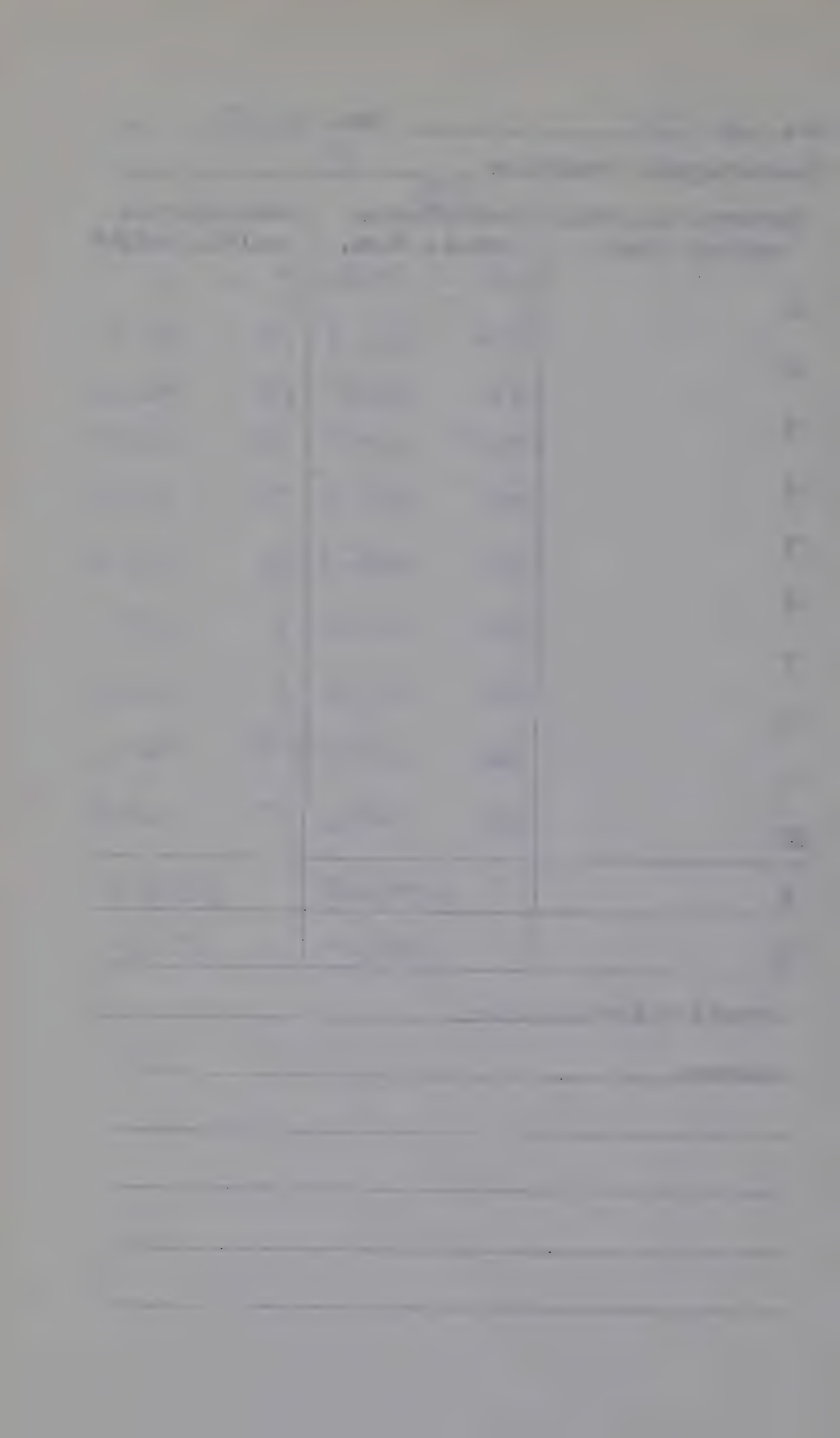
No. 16-73 Date X/59

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		24 - 79.2	9 - 29.7
2		37 122.1	13 42.9
3		36 118.8	14 46.2
4		35 115.5	10 33.0
5		35 115.5	9 29.7
6		41 135.3	10 33.0
7		34 112.2	9 29.7
8		32 105.6	11 36.3
9		40 132.0	14 46.2
10		32 105.6	8 26.4
T		1141.8	353.1
$\bar{x}$		114.2	35.3

Sertoli Cells: seen

Remarks:



No. 16-74 Date X/5-9

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		52 - 171.6	
2		51 168.3	
3		40 132.0	
4		33 108.9	
5		53 174.9	
6		30 99.0	
7		40 132.0	
8		54 178.2	
9		49 161.7	
10		40 132.0	
T		1458.6	
$\bar{x}$		145.9	

Sertoli Cells:

Remarks:

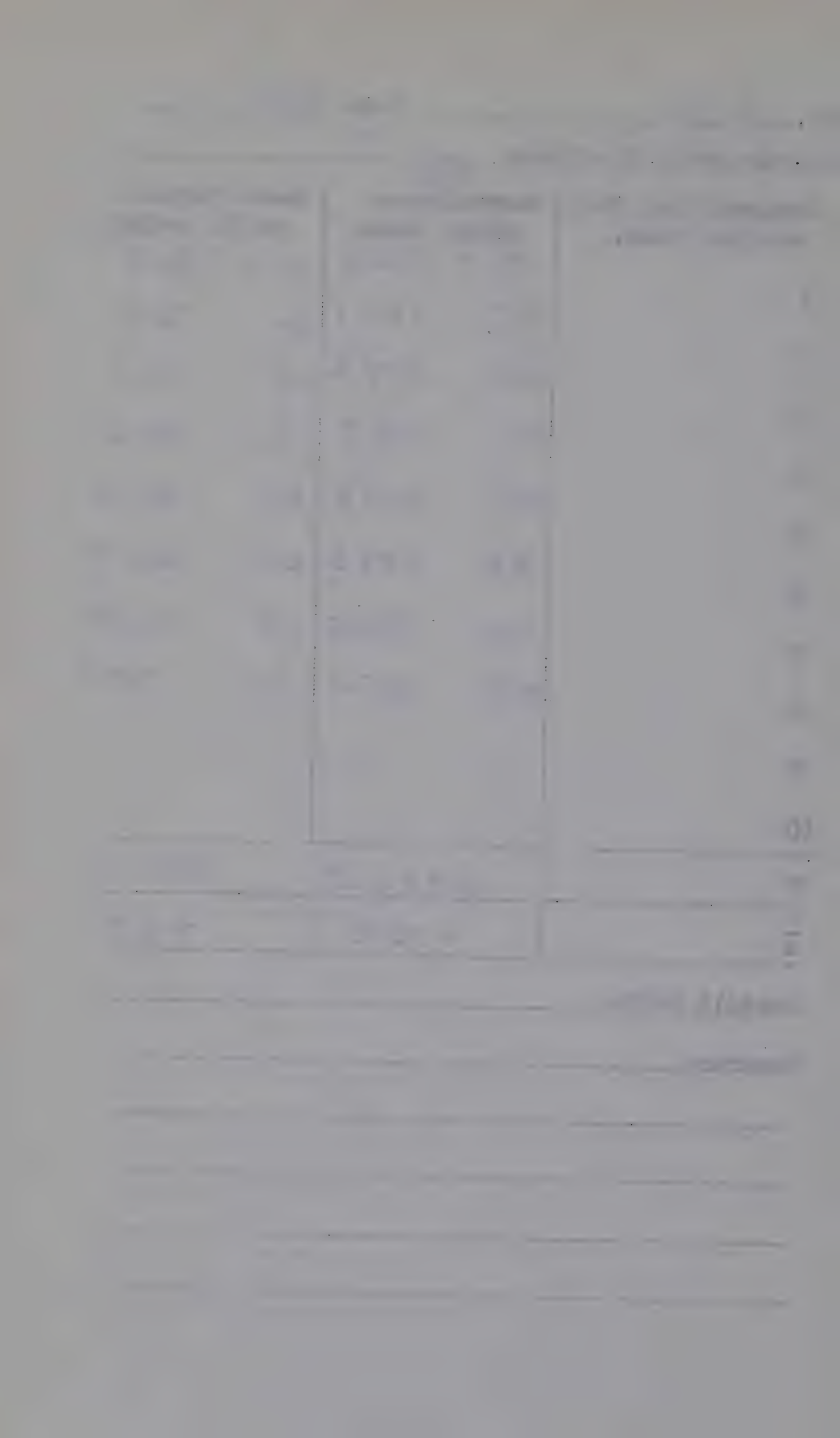
No. 16-76 Date X/59

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		40 - 132.0	11 - 36.3
2		47 155.1	16 52.8
3		62 204.6	14 46.2
4		53 174.9	12 39.6
5		66 217.8	21 69.3
6		62 204.6	20 66.0
7		40 132.0	10 33.0
8		50 165.0	10 33.0
9			
10			
T		1386.0	376.2
$\bar{x}$		173.2	47.0

Sertoli Cells:

Remarks:



No. 16-77 Date X/6/59

Spermatogenic Condition (2) 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		30 - 99.0	
2		27 89.1	
3		26 85.8	
4		34 112.2	
5		32 105.6	
6		32 105.6	
7		32 105.6	
8		30 99.0	
9		30 99.0	
10		27 89.1	
T		990.0	
$\bar{x}$		99.0	

Sertoli Cells:

Remarks:

No. 16-80 Date X/5-9

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		45 - 148.5	
2		42 138.6	
3		45 148.5	
4		43 141.9	
5		49 161.7	
6		45 148.5	
7		44 145.2	
8		53 174.9	
9		40 132.0	
10		44 145.2	
T		1485.0	
$\bar{x}$		148.5	

Sertoli Cells:

Remarks:

No. 16-81 Date X/59

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		48 - 158.4	13 - 42.9
2		38 125.4	12 39.6
3		44 145.2	10 33.0
4			
5			
6			
7			
8			
9			
10			
T		429.0	115.5
$\bar{x}$		143.0	38.5

Sertoli Cells:

Remarks: Stain faint, tissue falling apart

No. 16-8.2 Date X 16/59

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		148.5	42.9
2		125.4	42.9
3		151.8	36.3
4		171.6	66.0
5		155.1	42.9
6		141.9	42.9
7		141.9	33.0
8			
9			
10			
T		1036.2	306.9
$\bar{x}$		148.0	30.7

Sertoli Cells:

Remarks:

No. 16-83 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		55 - 181.5	13 - 42.9
2		41 135.3	18 59.4
3		35 115.5	13 42.9
4		43 141.9	15 49.5
5		47 155.1	15 49.5
6		49 161.7	14 46.2
7		44 145.2	10 33.0
8		42 138.6	16 52.8
9		48 158.4	18 59.4
10		53 174.9	19 62.7
T		1508.1	498.3
$\bar{x}$		150.8	49.8

Sertoli Cells: seen

Remarks:

No. 16-84 Date 11d/60

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		48 - 158.4	12 - 39.6
2		48 158.4	13 42.9
3		40 151.8	19 62.7
4		45 148.5	15 49.5
5			
6			
7			
8			
9			
10			
T		617.1	194.7
$\bar{x}$		154.3	48.7

Sertoli Cells: _____

Remarks: _____

No. 16-85 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		73 - 240.9	14 - 46.2
2		67 221.1	15 49.5
3		68 224.4	12 39.6
4		52 171.6	11 36.3
5		57 188.1	15 49.5
6		60 198.0	18 59.4
7		86 283.8	17 56.1
8		85 280.5	14 46.2
9		68 224.4	15 49.5
10		64 211.2	15 49.5
T		2244.0	481.8
$\bar{x}$		224.4	48.2

Sertoli Cells:

Remarks:

No. 16-86 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		77 - 254.1	17 - 56.1
2		68 224.4	15 49.5
3		62 204.6	14 46.2
4		53 174.9	10 33.0
5		65 214.5	22 72.6
6		65 214.5	10 33.0
7		60 198.0	13 42.9
8		56 184.8	11 36.3
9		67 221.1	25 82.5
10		57 188.1	15 49.5
T		2079.0	501.6
$\bar{x}$		207.9	50.2

Sertoli Cells:

Remarks:

No. 10-58 Date 11/60

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	40 - 151.8	11 - 36.3
2	53 174.9	16 52.8
3	35 115.5	8 26.4
4	42 138.6	15 49.5
5	43 141.9	15 49.5
6	54 178.2	11 36.3
7	38 125.4	10 33.0
8	56 184.8	11 36.3
9	38 125.4	15 49.5
10	58 191.4	20 66.0
T	1527.9	435.6
$\bar{x}$	152.8	43.6

Sertoli Cells: none

Remarks:

No. 16-92 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		57 - 188.1	11 - 36.3
2		76 250.8	25 82.5
3		67 221.1	22 72.6
4		59 194.7	20 66.0
5		71 234.3	20 66.0
6		48 158.4	19 62.7
7		62 204.6	18 59.4
8		51 168.3	15 49.5
9		75 247.5	23 75.9
10		65 214.5	23 75.9
T		2082.3	646.8
$\bar{x}$		208.2	64.7

Sertoli Cells:

Remarks:

E = 49.5 μ (3)

No. 16-94 Date 10/60

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
	71 - 234.3	18 - 59.4
1	70 231.0	9 29.7
2	66 217.8	12 39.6
3	67 221.1	15 49.5
4	72 237.6	18 59.4
5	70 231.0	15 49.5
6		
7		
8		
9		
10		
T	1372.8	287.1
$\bar{x}$	228.8	47.8

Sertoli Cells: seen

Remarks:

No. 16-95 Date 10/60

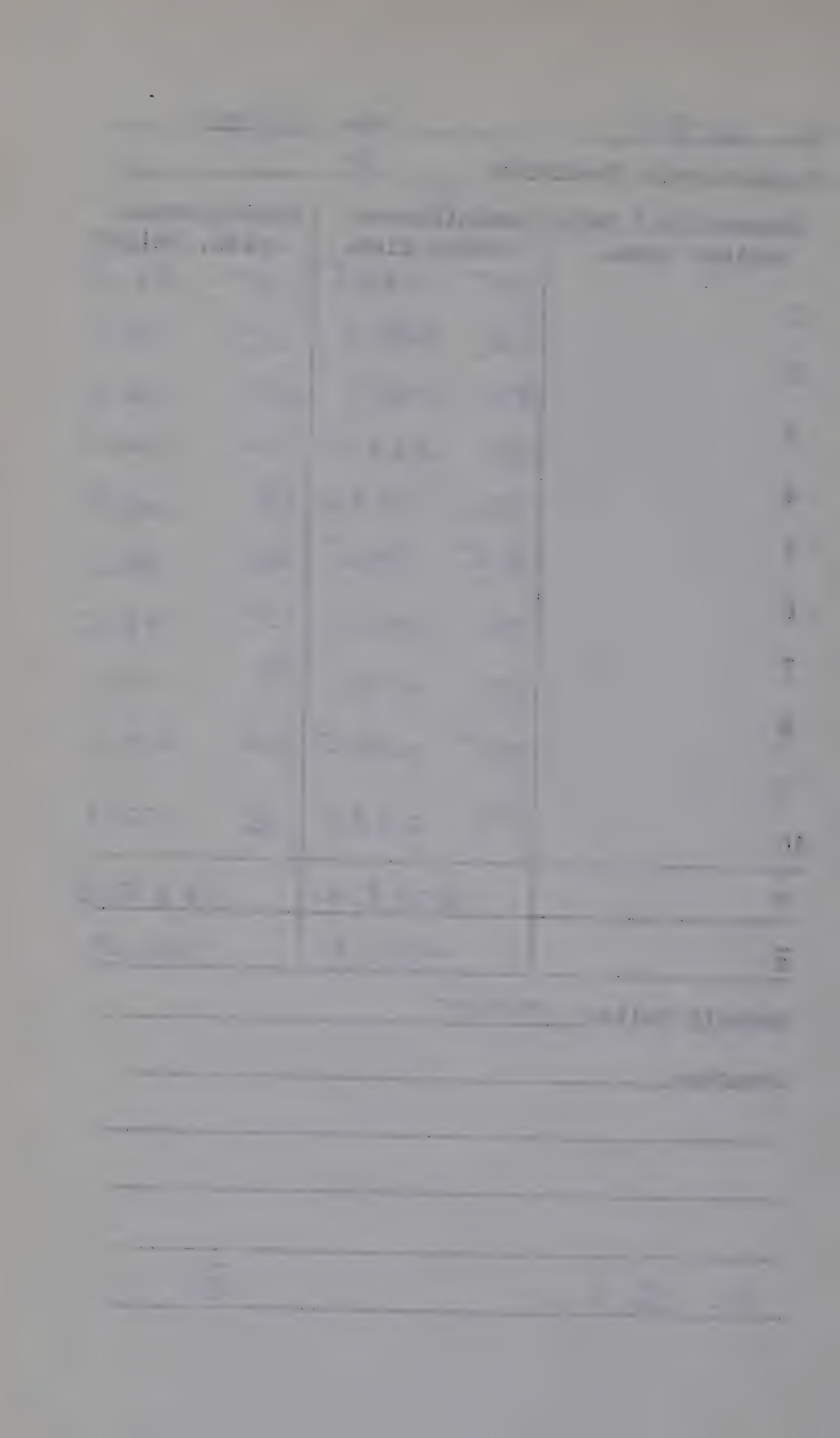
Spermatogenic Condition 6 2

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		85 - 280.5	2.5 - 82.5
2		90 297.0	25 82.5
3		88 290.4	20 66.0
4		80 264.0	20 66.0
5		72 237.6	19 62.7
6		85 280.5	21 69.3
7		73 240.9	15 49.5
8		77 254.1	19 62.7
9		85 280.5	20 66.0
10		89 293.7	16 52.8
T		2719.2	660.0
$\bar{x}$		271.9	66.0

Sertoli Cells: seen

Remarks:

E= 56.1 u (2)



No. 16-76 Date 10/60

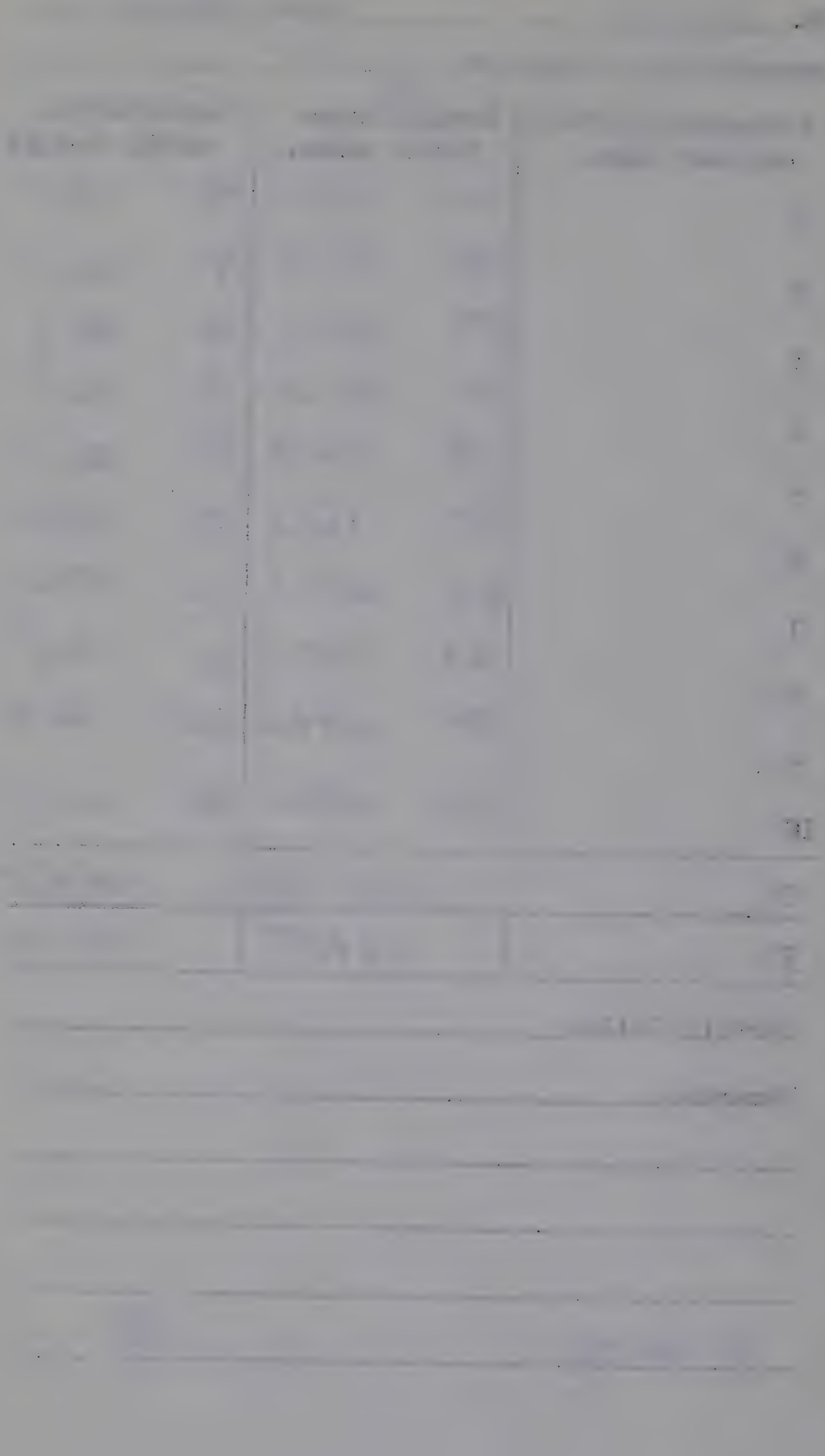
Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		72 - 237.6	14 - 46.2
2		81 267.3	19 62.7
3		59 194.7	13 42.9
4		61 201.3	11 36.3
5		56 184.8	11 36.3
6		49 161.7	10 33.0
7		65 214.5	12 39.6
8		63 207.9	13 42.9
9		74 244.2	20 66.0
10		70 231.0	13 42.9
T		2145.0	448.8
$\bar{x}$		214.5	44.9

Sertoli Cells:

Remarks:

$\bar{E}$ = 26.4 μ (2)



No. 16-97 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	68 - 224.4	20 - 66.0
2	55 181.5	20 66.0
3	81 267.3	13 42.9
4	40 132.0	8 26.4
5	62 204.6	19 62.7
6	52 184.8	14 46.2
7	61 201.3	11 36.3
8	60 198.0	8 26.4
9	50 165.0	11 36.3
10	58 191.4	12 39.6
T	1950.3	448.8
$\bar{x}$	195.0	44.9

Sertoli Cells:

Remarks:

No. 16-100 Date 10/60

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1	51 - 168.3	25 - 82.5
2	40 132.0	15 49.5
3	45 148.5	10 33.0
4	34 112.2	10 33.0
5	47 155.1	10 33.0
6	47 155.1	15 49.5
7	52 171.6	18 59.4
8	40 132.0	15 49.5
9	54 178.2	9 29.7
10	55 181.5	20 66.0
T	1534.5	485.1
$\bar{x}$	153.4	48.5

Sertoli Cells:

Remarks:

No. 16-102 Date 11/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	59 - 194.7	10 - 33.0
2	65 214.5	15 49.5
3	84 277.2	15 49.5
4	71 234.3	22 72.6
5	80 264.0	25 82.5
6	60 198.0	15 49.5
7	105 346.5	18 59.4
8	71 234.3	15 49.5
9	85 280.5	15 49.5
10	60 198.0	10 33.0
T	2442.0	528.0
$\bar{x}$	244.2	52.8

Sertoli Cells:

Remarks:

E= 49.5 μ (3)

No. 16-103 Date 14/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (3)	Seminiferous epith. height
1		75 - 247.5	14 - 46.2
2		65 214.5	20 66.0
3		61 201.3	16 52.8
4		78 257.4	16 52.8
5		86 283.8	18 59.4
6		65 214.5	15 49.5
7		88 290.4	18 59.4
8		65 214.5	22 72.6
9		75 247.5	17 56.1
10		57 188.1	15 49.5
T		2359.5	564.3
$\bar{x}$		236.0	56.4

Sertoli Cells:

Remarks:

No. 16-104 Date 10/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	67 - 221.1	17 - 56.1
2	73 240.9	15
3	55 181.5	14
4	61	16
5	59 194.7	19
6	50 165.0	9 29.7
7	56	14
8	61	15
9	84	34
10	50	15
T	2032.8	554.4
$\bar{x}$	203.3	55.4

Sertoli Cells:

Remarks:

No. 16-107 Date 10/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 ~~148.5~~	10 ~~33.0~~
2		45 ~~148.5~~	14 ~~46.2~~
3		76 ~~250.8~~	14 ~~46.2~~
4		67 ~~221.1~~	15 ~~49.5~~
5		56 ~~184.8~~	14 ~~46.2~~
6		53 ~~174.9~~	15 ~~49.5~~
7		66 ~~217.8~~	15 ~~49.5~~
8		60 ~~198.0~~	15 ~~49.5~~
9		44 ~~145.2~~	13 ~~42.9~~
10		41 ~~135.3~~	10 ~~33.0~~
T		1824.9	1445.5
$\bar{x}$		182.5	44.6

Sertoli Cells:

Remarks:

No. 16-~~176~~ 111 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		52 - 171.6	11 - 36.3
2		51 168.3	12 39.6
3		53 174.9	11 36.3
4		54 178.2	11 36.3
5		52 171.6	13 42.9
6		52 171.6	12 39.6
7		73 240.9	14 46.2
8		50 165.0	11 36.3
9			
10			
T		1442.1	313.4
$\bar{x}$		180.2	31.3

Sertoli Cells: _____

Remarks: _____

No. 16-113 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		84 - 277.2	24 - 79.2
2		106	20
3		89	11
4		83	23
5		96	23
6		56	28
7			
8			
9			
10			
T		1795.2	425.7
$\bar{x}$		299.2 ~~299.9~~	70.95

Sertoli Cells:

Remarks:

No. 16-114 Date 10/6.0

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		80 - 304.0	14 - 46.2
2		72 - 273.6	18 - 59.4
3		57 - 168.1	16 - 52.8
4		49 - 161.7	10 - 33.0
5		50 - 204.0	15 - 49.5
6		54 - 178.2	14 - 46.2
7		72 - 237.6	19 - 62.7
8		70 - 231.0	15 - 49.5
9		78 - 257.4	30 - 99.0
10		87 - 287.1	24 - 79.2
T		2306.7	577.5
$\bar{x}$		230.7	57.8

Sertoli Cells:

Remarks:

E= 62.7 μ (2)

No. 16-117 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		71 - 234.3	16 - 52.8
2		60 198.0	11 36.3
3		65 214.5	24 85.8
4		60 198.0	13 42.9
5		53 174.9	20 66.0
6		70 231.0	17 56.1
7		68 224.4	15 49.5
8		57 188.1	18 59.4
9			
10			
T		1663.2	448.8
$\bar{x}$		207.9	56.1

Sertoli Cells:

Remarks:

No. 16-119 Date 12/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		81 - 267.3	20 - 66.0
2		89 293.7	26 85.8
3		71 234.3	18 59.4
4		70 231.0	16 52.8
5		56 184.8	14 46.2
6		70 231.0	15 49.5
7		89 293.7	17 56.1
8		75 247.5	14 46.2
9		82 270.6	19 62.7
10		66 217.8	18 59.4
T		2471.7	584.1
$\bar{x}$		247.2	58.4

Sertoli Cells:

Remarks:

No. 16-121 Date 10/60

Spermatogenic Condition (2) 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		65 - 214.5	24 - 79.2
2		65 214.5	18 59.4
3		70 231.0	15 49.5
4		78 257.4	14 46.2
5		65 214.5	20 66.0
6		82 270.6	15 49.5
7		80 264.0	16 52.8
8		70 231.0	13 42.9
9		68 224.4	22 72.6
10		92 303.6	12 39.6
T		2425.5	557.7
$\bar{x}$		242.6	55.8

Sertoli Cells:

Remarks:

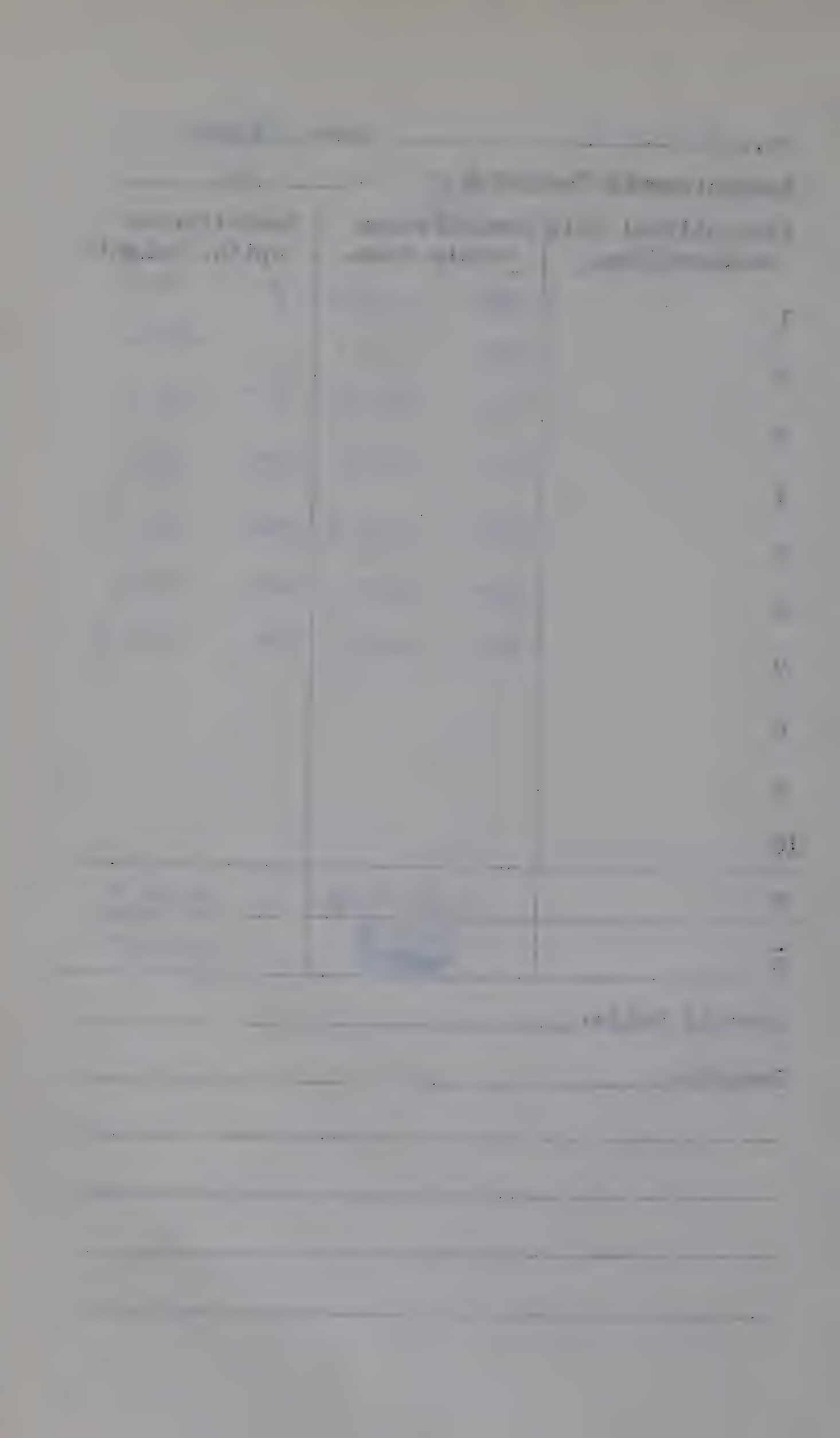
No. 16-124 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		~~80~~ - 264.0	14 - 46.2
2		69 227.7	12 39.6
3		70 231.0	15 49.5
4		70 231.0	15 49.5
5		69 227.7	20 66.0
6		63 207.9	21 69.3
7		67 221.1	16 52.8
8			
9			
10			
T		1610.4	372.9
$\bar{x}$		230.0 ~~+1.0~~	53.3

Sertoli Cells:

Remarks:



No. 10-125 Date 10/60

Spermatogenic Condition within 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		87 - 287.1	20 - 66.0
2		63 207.9	17 56.1
3		87 287.1	19 62.7
4		60 198.0	20 66.0
5		87 287.1	18 59.4
6		97 320.1	18 59.4
7		85 280.5	20 66.0
8		75 247.5	13 42.9
9			
10			
T		2115.3	478.5
$\bar{x}$		264.4	59.8

Sertoli Cells:

Remarks:

No. 16-124 Date 14/00

Spermatogenic Condition (2) 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		69 - 227.7	13 - 42.9
2		70 231.0	15 49.5
3		51 168.3	13 42.9
4		89 293.7	16 52.8
5		85 280.5	17 56.1
6		59 194.7	20 66.0
7		86 283.8	14 46.2
8			
9			
10			
T		1679.7	356.4
$\bar{x}$		239.9	50.9

Sertoli Cells: _____

Remarks: _____

No. 16-127 Date 4/6/60

Spermatogenic Condition [illegible] 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	68 - 224.4	15 - 49.5
2	72 237.6	10 33.0
3	75 247.5	12 39.6
4	91 300.3	20 66.0
5	90 297.0	15 49.5
6	81 267.3	18 59.4
7	86 283.8	14 46.2
8	74 244.2	8 26.4
9	82 270.6	10 33.0
10	77 254.1	20 66.0
T	2626.8	468.6
$\bar{x}$	262.7	46.9

Sertoli Cells:

Remarks:

No. 16-128 Date 4/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		293.1	62.7
2		94 310.2	26 85.8
3		98 323.4	22 72.6
4		79 260.7	20 66.0
5		103 339.9	27 89.1
6		63 207.9	20 66.0
7		99 326.7	24 79.2
8			
9			
10			
T		2062.5	521.4
$\bar{x}$		294.6	74.5

Sertoli Cells:

Remarks:

No. 16-134 Date 1/60

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		m. - 234.3	11 - 56.1
2		48 158.4	18 59.4
3		39 128.7	17 56.1
4		60 198.0	16 52.8
5		52 171.6	12 39.6
6		50 165.0	15 49.5
7		70 231.0	17 56.1
8		48 158.4	18 59.4
9		73 240.9	20 66.0
10		63 207.9	14 46.2
T		1894.2	541.2
$\bar{x}$		189.4	54.1

Sertoli Cells:

Remarks:

No. 16-136 Date 4/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	26 - 85.8
2		57 188.1	9 29.7
3		70 231.0	22 72.6
4		68 224.4	27 89.1
5		68 224.4	15 49.5
6		58 191.4	27 89.1
7		69 227.7	18 59.4
8		72 237.6	16 52.8
9		82 270.6	17 56.1
10		63 207.9	20 66.0
T		2224.2	650.1
$\bar{x}$		222.4	65.0

Sertoli Cells:

Remarks:

No. 16-137 Date 11/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	57	168.3	15	49.5
2	50	165.0	12	39.6
3	54	178.2	13	42.9
4	62	204.6	14	46.2
5	62	204.6	16	52.8
6	56	184.8	12	39.6
7	53	174.9	9	29.7
8	56	184.8	15	49.5
9	58	191.4	16	52.8
10	50	165.0	16	52.8
T	1821.6		455.4	
$\bar{x}$	182.2		45.5	

Sertoli Cells:

Remarks:

No. 10-141 Date 4/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		73 - 240.9	18 - 59.4
2		75 247.5	20 66.0
3		84 277.2	16 52.8
4		89 293.7	24 79.2
5		74 244.2	20 66.0
6		74 244.2	26 85.8
7		82 270.6	18 59.4
8			
9			
10			
T		1818.3	468.6
$\bar{x}$		259.7	66.9

Sertoli Cells:

Remarks:

No. 6-142 Date 4/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	56 - 184.8	12 - 39.6
2	57 188.1	11 36.3
3	67 221.1	20 66.0
4	48 158.4	16 52.8
5	70 231.0	12 39.6
6	55 181.5	20 66.0
7	63 207.9	13 42.9
8	50 165.0	13 42.9
9	50 165.0	10 33.0
10	58 191.4	10 33.0
T	1894.2	452.1
$\bar{x}$	189.4	45.2

Sertoli Cells:

Remarks:

E = 56.1 μ

No. 16-144 Date 4/60

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		72 - 237.6	14 - 46.2
2		79 260.7	23 75.9
3		79 260.7	24 79.2
4		67 221.1	23 75.9
5		85 280.5	21 69.3
6		66 217.8	18 59.4
7		70 231.0	21 69.3
8		72 237.6	20 66.0
9		78 257.4	23 75.9
10		80 264.0	15 49.5
T		2468.4	666.6
$\bar{x}$		246.8	66.7

Sertoli Cells:

Remarks:

E = 19.8 μ (3)

No. 16-143 Date 4/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	62 - 204.6	15 - 49.5
2	69 227.7	26 85.8
3	68 224.4	29 95.7
4	67 221.1	28 92.4
5	100 330.0	30 99.0
6	71 234.3	15 49.5
7	77 254.1	25 82.5
8	88 290.4	15 49.5
9	98 323.4	23 75.9
10	63 207.9	15 47.5
T	2517.9	729.3
$\bar{x}$	251.8	72.9

Sertoli Cells: _____

Remarks: _____

No. 16-146 Date VI/60

Spermatogenic Condition 4

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	64 - 211.2	15 - 49.5
2	75 247.4	20 66.0
3	72 237.6	20 66.0
4	73 240.9	13 42.9
5	62 204.6	14 46.2
6	60 198.0	14 46.2
7	70 231.0	25 82.5
8	68 224.4	15 49.5
9	54 177.2	20 66.0
10	60 198.0	15 49.5
T	2280.3	364.3
$\bar{x}$	228.0	56.4

Sertoli Cells:

Remarks:

No. 16-150 Date VI/60

Spermatogenic Condition 6 3

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	63	207.9	12	39.6
2	46	151.8	13	42.9
3	63	207.9	27	89.1
4	73	240.9	14	46.2
5	61	201.3	19	62.7
6	52	171.6	13	42.9
7	57	188.1	10	33.0
8	61	201.3	15	49.5
9	73	240.9	12	39.6
10	53	174.9	11	36.3
T		1986.6		481.8
$\bar{x}$		198.7		48.2

Sertoli Cells:

Remarks:

E = 13.2 μ

(4)

No. 16-152 Date 4/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		234.3	49.5
2		184.8	36.3
3		217.8	46.2
4		221.1	39.6
5		191.4	82.5
6		158.4	33.0
7		191.4	72.6
8		165.0	62.7
9		188.1	66.0
10		217.8	46.2
T		1970.1	534.6
$\bar{x}$		197.0	53.5

Sertoli Cells:

Remarks:

No. 16-155 Date VI/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60. - 198.0	13 - 42.9
2		70 231.0	15 49.5
3		50 165.0	17 56.1
4		53 174.9	15 49.5
5		61 201.3	14 46.2
6		83 273.9	30 99.0
7		56 184.8	10 33.0
8		70 231.0	20 66.0
9		63 207.9	14 46.2
10		59 194.7	15 49.5
T		2062.5	537.9
$\bar{x}$		206.2	53.8

Sertoli Cells:

Remarks:

E = 29.7 μ

No. 16-156 Date 4/6/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		96 - 316.8	16 - 52.8
2		73 240.9	21 69.3
3		74 244.2	23 75.9
4		96 316.8	17 56.1
5		89 293.7	20 66.0
6		78 257.4	21 69.3
7		80 264.0	20 66.0
8		80 264.0	20 66.0
9			
10			
T		2197.8	521.4
$\bar{x}$		274.7	65.2

Sertoli Cells:

Remarks:

E=62.7 μ

No. 16-164 Date IX/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	57 - 188.1	11 - 36.3
2	72 237.6	21 69.3
3	59 194.7	20 66.0
4	57 188.1	10 33.0
5	56 184.8	12 39.6
6	48 158.4	13 42.9
7	57 188.1	11 36.3
8	51 168.3	21 69.3
9	56 184.8	19 62.7
10	56 184.8	12 39.6
T	1877.7	495.0
$\bar{x}$	187.8	49.5

Sertoli Cells: seen

Remarks: much fewer cells / tubule

E = 26.4 μ (2)

No. 16-165 Date IX/60

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		22 - 72.6	
2		24 85.8	
3		30 99.0	
4		21 69.3	
5		23 75.9	
6		26 85.8	
7		29 95.7	
8		25 82.5	
9		26 85.8	
10		21 69.3	
T		821.7	
$\bar{x}$		82.3	

Sertoli Cells:

Remarks:

No. 16-166 Date 1X/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		33 - 108.9	8 - 26.4
2		29 95.7	6 19.8
3		32 105.6	15 49.5
4		36 118.8	11 36.3
5		42 138.6	10 33.0
6		34 112.2	15 49.5
7			
8			
9			
10			
T		679.8	214.5
$\bar{x}$		113.3	35.8

Sertoli Cells:

Remarks:

E = 16.5 μ (2)

No. 16-173 Date X/60

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
	43 - 141.9	
1	50 165.0	
2	47 155.1	
3	49 161.7	
4	54 178.2	
5	44 145.2	
6	36 118.8	
7	40 132.0	
8	44 145.2	
9	51 168.3	
10		
T	1511.4	
$\bar{x}$	151.1	

Sertoli Cells: _____

Remarks: _____

No. 16-174 Date X/60

Spermatogenic Condition (2) S

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17. - 56.1	
2		27 89.1	
3		24 79.2	
4		30 99.0	
5		20 66.0	
6		25 82.5	
7		23 75.9	
8		22 72.6	
9		24 79.2	
10		24 79.2	
T		778.8	
$\bar{x}$		77.9	

Sertoli Cells:

Remarks:

No. 16-177 Date 11/6/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		90 - 297.0	17 - 56.1
2		71 234.3	20 66.0
3		68 224.4	19 62.7
4		75 247.5	20 66.0
5		74 244.2	25 82.5
6		68 224.4	10 33.0
7		93 306.9	14 46.2
8		69 227.7	15 49.5
9		69 227.7	20 66.0
10		54 178.2	14 46.2
T		2412.3	574.2
$\bar{x}$		241.2	57.4

Sertoli Cells:

Remarks:

No. 16-178 Date 11/6/61

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		93 - 306.9	20 - 66.0
2		76 250.8	16 52.8
3		73 240.9	15 49.5
4		76 250.8	19 62.7
5		70 231.0	27 89.1
6		79 260.7	25 82.5
7		90 297.0	16 52.8
8		89 293.7	22 72.6
9		93 306.9	12 39.6
10		71 234.3	25 82.5
T		2673.0	650.1
$\bar{x}$		267.3	65.0

Sertoli Cells: Seen

Remarks:

No. 16-179 Date 12/61

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		77 - 254.1	12 - 39.6
2		85 280.5	12 39.6
3		86 283.8	18 59.4
4		52 171.6	10 33.0
5		55 181.5	15 49.5
6		64 211.2	17 56.1
7		57 188.1	12 39.6
8		63 207.9	15 49.5
9		79 260.7	13 42.9
10		85 280.5	12 39.6
T		2319.9	448.8
$\bar{x}$		232.0	44.9

Sertoli Cells:

Remarks:

No. 16-184 Date 10/6/61

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		ST. - 168.3	16 - 52.8
2		60 198.0	14 46.2
3		52 171.6	15 49.5
4		57 188.1	12 39.6
5		48 158.4	15 49.5
6		62 204.6	15 49.5
7		60 198.0	22 72.6
8		59 194.7	13 42.9
9		60 198.0	10 33.0
10		61 201.3	16 52.8
T		1881.0	488.4
$\bar{x}$		188.1	48.8

Sertoli Cells:

Remarks:

No. 16-185 Date 12/6/61

Spermatogenic Condition [illegible] 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		77 - 234.3	13 - 42.9
2		62 204.6	17 56.1
3		54 178.2	11 36.3
4		65 214.5	15 49.5
5		64 211.2	15 49.5
6		71 234.3	20 66.0
7		56 184.8	10 33.0
8		58 191.4	10 33.0
9		78 257.4	26 85.8
10		64 217.8	15 49.5
T		2128.5	501.6
$\bar{x}$		212.8	50.2

Sertoli Cells: seen

Remarks:

No. 16-187 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		60 - 198.0	14 - 46.2
2		66 217.8	11 36.3
3		70 231.0	10 33.0
4		61 201.3	17 56.1
5		60 198.0	14 46.2
6		54 178.2	14 46.2
7		60 198.0	20 66.0
8		56 184.8	10 33.0
9		58 191.4	19 62.7
10		60 198.0	15 49.5
T		1996.5	475.2
$\bar{x}$		199.6	47.5

Sertoli Cells:

Remarks:

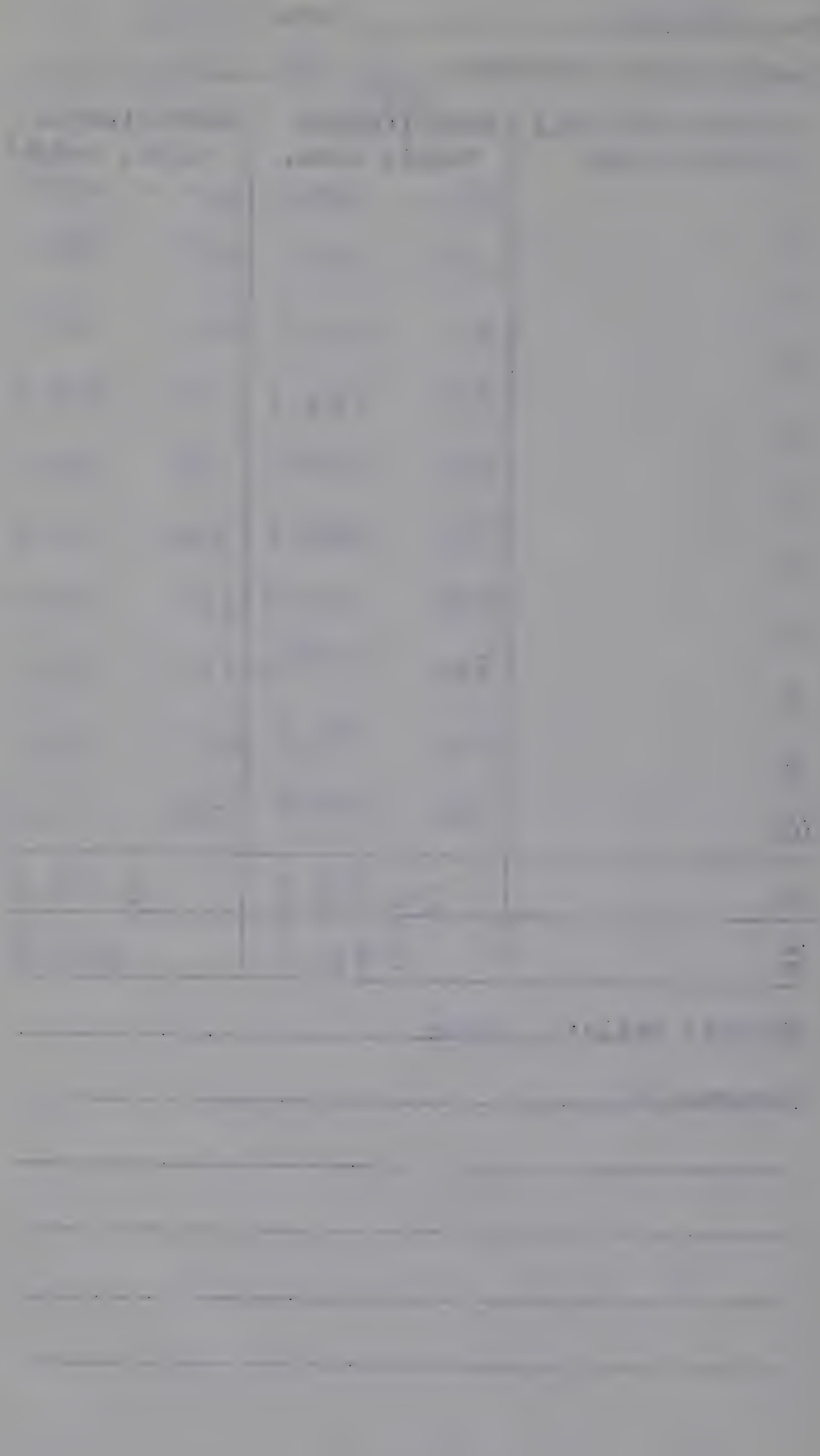
No. 16-188 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		91 - 300.3	15 - 49.5
2		87 287.1	25 82.5
3		67 221.1	20 66.0
4		57 188.1	20 66.0
5		80 264.0	14 46.2
6		79 260.7	26 85.8
7		78 257.4	18 59.4
8		72 237.6	18 59.4
9		66 217.8	15 49.5
10		76 250.8	20 66.0
T		2484.9	630.3
$\bar{x}$		248.5	63.0

Sertoli Cells: seen

Remarks: -



No. 16-191 Date 10/61

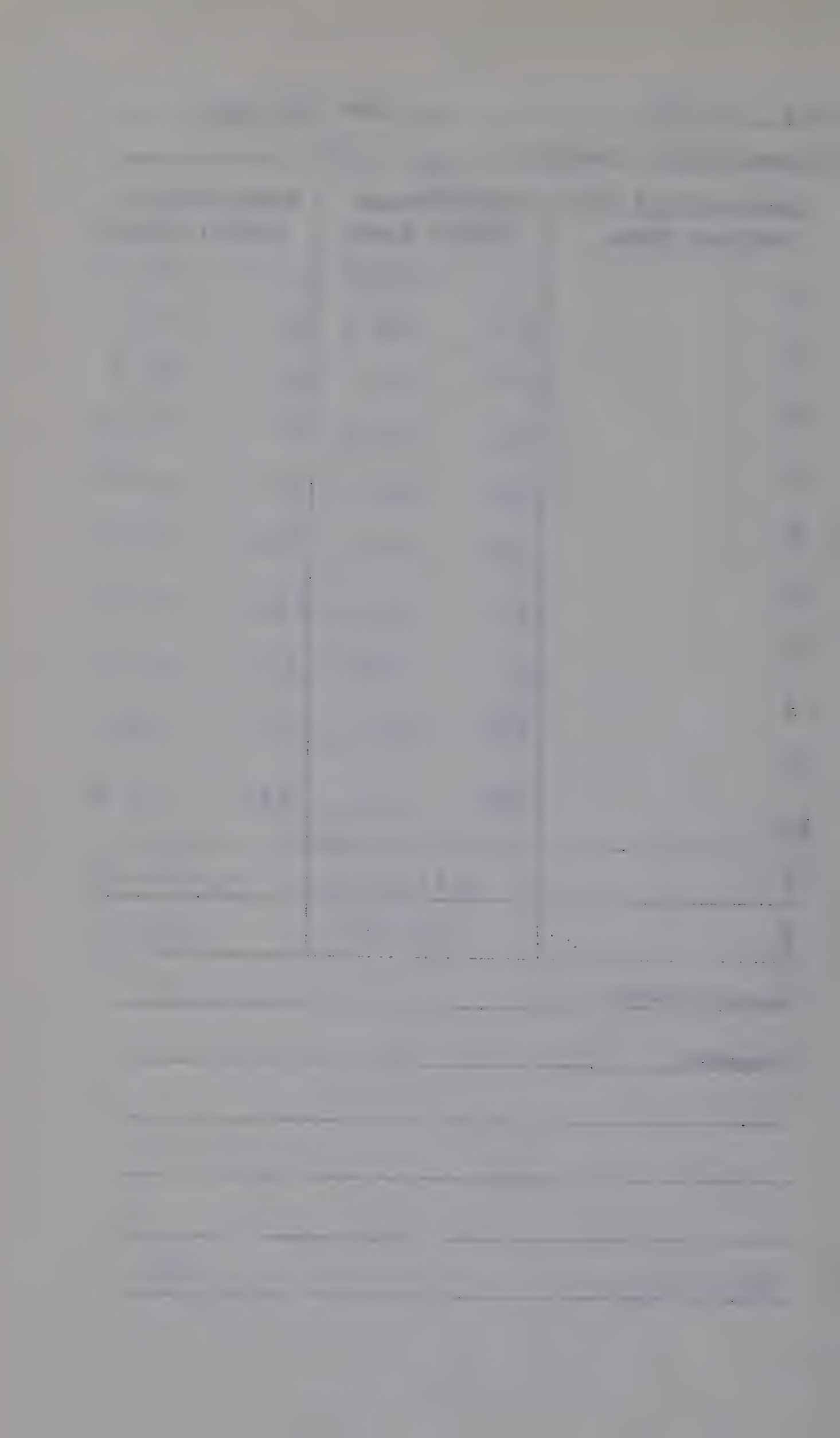
Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	71	234.3	25	82.5
2	73	240.9	16	52.8
3	55	181.5	21	69.3
4	52	171.6	16	52.8
5	50	165.0	15	49.5
6	84	277.2	26	85.8
7	71	234.3	26	85.8
8	70	231.0	25	82.5
9	72	237.6	11	36.3
10	44	145.2	12	39.6
T		2118.6		636.9
$\bar{x}$		211.9		63.7

Sertoli Cells:

Remarks:

E = 52.8 μ (2)



No. 16-192 Date 12/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		55 - 181.5	10 - 33.0
2		62 204.6	19 62.7
3		75 247.5	14 46.2
4		56 184.8	15 49.5
5		70 231.0	15 49.5
6		59 194.7	12 39.6
7		53 174.9	14 46.2
8		62 204.6	13 42.9
9		76 250.8	22 72.6
10		60 198.0	18 59.4
T		2072.4	501.6
$\bar{x}$		207.2	50.2

Sertoli Cells:

Remarks:

No. 16-194 Date 12/61

Spermatogenic Condition 7 ?!

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		76 - 250.8	15 - 49.5
2		105 346.5	22 72.6
3		82 270.6	12 39.6
4		97 320.1	14 46.2
5		83 273.9	13 42.9
6		70 231.0	15 49.5
7			
8			
9			
10			
T		1692.9	300.3
$\bar{x}$		282.1	50.0

Sertoli Cells:

Remarks:

No. 10-195 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		72 - 237.6	19 - 62.7
2		76 250.8	15 49.5
3		62 204.6	17 56.1
4		58 191.4	11 36.3
5		61 201.3	15 49.5
6		51 168.3	12 39.6
7		71 234.3	18 59.4
8		65 214.5	18 59.4
9		57 188.1	18 59.4
10		76 250.8	15 49.5
T		2141.7	521.4
$\bar{x}$		214.2	52.1

Sertoli Cells:

Remarks:

No. 16-195 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		72 - 237.6	19 - 62.7
2		76 250.8	15 49.5
3		62 204.6	17 56.1
4		58 191.4	11 36.3
5		61 201.3	15 49.5
6		51 168.3	12 39.6
7		71 234.3	18 59.4
8		65 214.5	18 59.4
9		57 188.1	18 59.4
10		76 250.8	15 49.5
T		2141.7	521.4
$\bar{x}$		214.2	52.1

Sertoli Cells:

Remarks:

No. 16-196 Date 16/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		65 - 214.5	23 - 75.9
2		63 207.9	18 59.4
3		65 214.5	12 39.6
4		67 221.1	15 49.5
5		52 171.6	16 52.8
6		52 171.6	10 33.0
7		69 227.7	15 49.5
8		67 221.1	17 56.1
9		57 188.1	14 46.2
10		70 231.0	15 49.5
T		2069.1	511.5
$\bar{x}$		206.9	51.2

Sertoli Cells:

Remarks:

No. 16-197 Date 4/26/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		80 - 264.0	16 - 52.8
2		59 194.7	25 82.5
3		66 217.8	15 49.5
4		84 277.2	14 46.2
5		66 217.8	15 49.5
6		87 287.1	18 59.4
7			
8			
9			
10			
T		1458.6	309.9
$\bar{x}$		243.1	50.6

Sertoli Cells:

Remarks:

No. 16-199 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		75 - 247.5	15 - 49.5
2		74 244.2	12 39.6
3		76 250.8	19 62.7
4		68 224.4	20 66.0
5		71 234.3	25 82.5
6		74 244.2	15 49.5
7		62 204.6	13 42.9
8		71 234.3	22 72.6
9		87 287.1	23 75.9
10		80 264.0	29 95.7
T		2435.4	636.9
$\bar{x}$		243.5	63.7

Sertoli Cells:

Remarks:

E = 42.9 μ (3)

No. 16-200 Date 14/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		76 - 250.8	12 - 39.6
2		76 250.8	10 33.0
3		78 257.4	31 102.3
4		77 254.1	17 56.1
5		80 264.0	23 75.9
6		68 224.4	20 66.0
7		71 234.3	17 56.1
8		79 260.7	25 82.5
9		81 267.3	15 49.5
10		72 237.6	19 62.7
T		2501.4	623.7
$\bar{x}$		250.1	62.4

Sertoli Cells:

Remarks:

$\bar{x}$ = 36.34

No. 16-302 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		62 - 204.6	11 - 36.3
2		85 280.5	17 56.1
3		73 240.9	15 49.5
4		78 257.4	19 62.7
5		91 300.3	21 69.3
6		63 207.9	14 46.2
7		73 240.9	14 46.2
8		65 214.5	21 69.3
9		76 250.8	16 52.8
10		54 178.2	14 46.2
T		2376.0	5 34.6
$\bar{x}$		237.6	53.5

Sertoli Cells:

Remarks: large intertubular spaces

No. 16-203 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		58 - 191.4	13 - 42.9
2		80 264.0	15 49.5
3		67 221.1	18 59.4
4		80 264.0	10 33.0
5		67 221.1	11 36.3
6		79 260.7	18 59.4
7		97 320.1	20 66.0
8		91 300.3	17 56.1
9		81 267.3	22 72.6
10		89 293.7	20 66.0
T		2603.7	541.2
$\bar{x}$		260.4	54.1

Sertoli Cells:

Remarks:

No. 16-209 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		71 - 234.3	15 - 49.5
2		74 244.2	18 59.4
3		54 178.2	12 39.6
4		64 211.2	15 49.5
5		70 231.0	18 59.4
6		50 165.0	19 62.7
7		74 244.2	17 56.1
8		66 217.8	20 66.0
9		62 204.6	15 49.5
10		58 191.4	13 42.9
T		2121.9	534.6
$\bar{x}$		212.2	53.5

Sertoli Cells:

Remarks:

E= 42.9 μ (2)

No. 16-205 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1	65 - 214.5	15 - 49.5
2	68 224.4	20 66.0
3	72 237.6	13 42.9
4	63 207.9	17 56.1
5	69 227.7	16 52.8
6	86 283.8	26 85.8
7	78 257.4	20 66.0
8	63 207.9	11 36.3
9	63 207.9	16 52.8
10	76 250.8	15 49.5
T	2319.9	557.7
$\bar{x}$	232.0	55.8

Sertoli Cells: _____

Remarks: _____

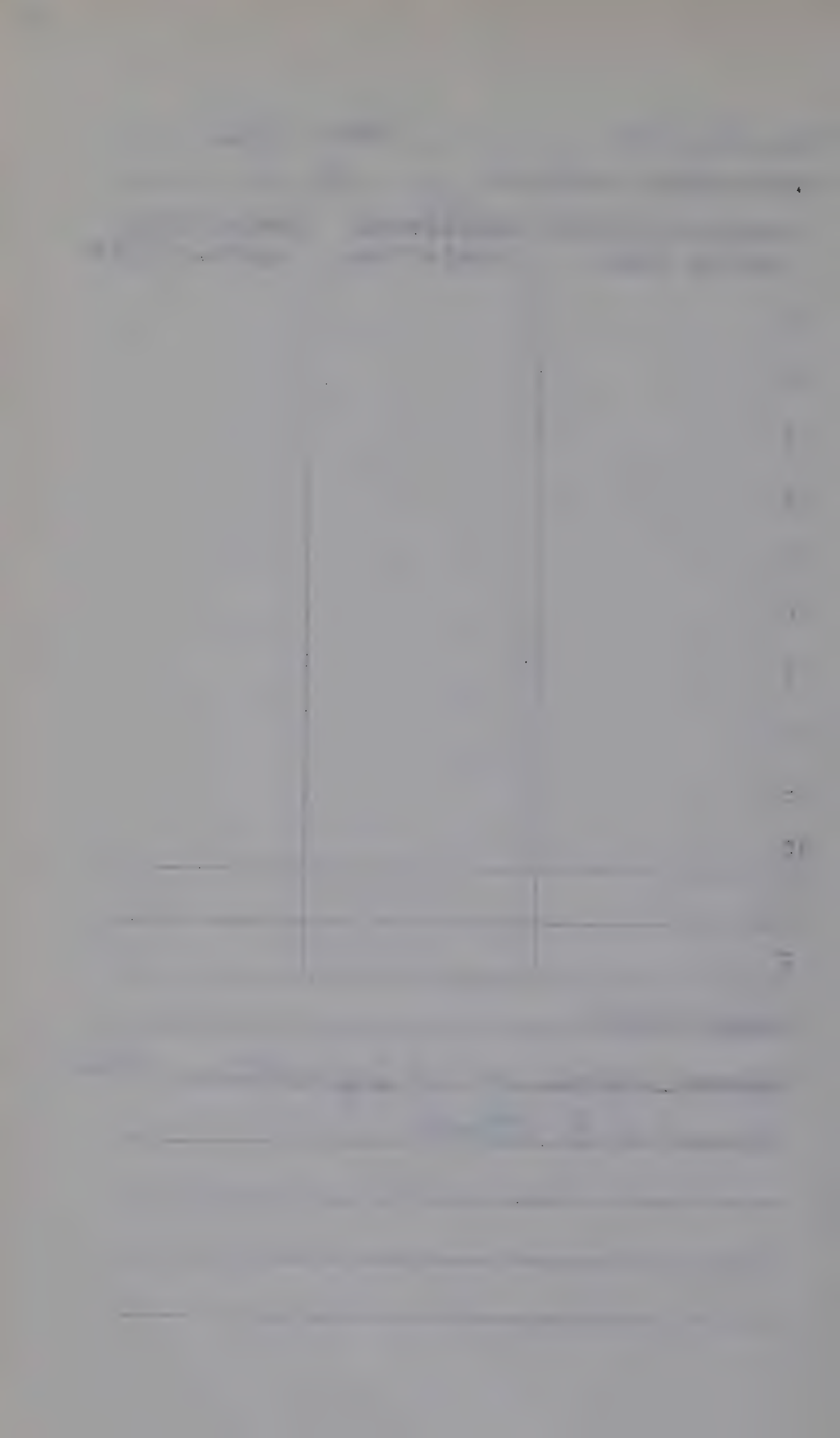
No. 16-211 Date 4/6/1

Spermatogenic Condition 8 ?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: invasion of "spreitum-like" tissue into tubules



No. 16-212 Date V/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	70 - 231.0	16 - 52.8
2	91 300.3	19 62.7
3	71 234.3	15 49.5
4	87 287.1	19 62.7
5	75 247.5	16 52.8
6	94 310.2	31 102.3
7	81 267.3	22 72.6
8	45 148.5	13 42.9
9	73 240.9	16 52.8
10	80 264.0	12 39.6
T	2531.1	590.7
$\bar{x}$	253.1	59.1

Sertoli Cells:

Remarks:

No. 16-213 Date 4/61

Spermatogenic Condition of testis b

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		87. – 267.3	20 – 66.0
2		53 174.9	11 36.3
3		68 224.4	18 59.4
4		60 198.0	15 49.5
5		67 221.1	13 42.9
6		81 267.3	19 62.7
7		78 257.4	16 52.8
8		63 207.9	13 42.9
9		69 227.7	20 66.0
10		68 224.4	15 49.5
T		2270.4	528.0
$\bar{x}$		227.0	52.8

Sertoli Cells:

Remarks:

E = 49.5 μ (2)

No. 16-214 Date 1961

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		72 - 237.6	21 - 69.3
2		58 191.4	15 49.5
3		65 214.5	19 62.7
4		51 168.3	11 36.3
5		67 221.1	15 49.5
6		68 224.4	11 36.3
7		79 260.7	19 62.7
8		72 237.6	14 46.2
9		68 224.4	16 52.8
10		51 168.3	13 42.9
T		2148.3	505.2
$\bar{x}$		214.8	50.8

Sertoli Cells:

Remarks:

No. 16-216 Date 4/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		73 - 240.9	13 - 42.9
2		66 217.8	10 33.0
3		94 310.2	16 52.8
4		95 313.5	26 85.8
5		83 273.9	14 46.2
6		70 231.0	17 56.1
7		96 316.8	21 69.3
8		78 257.4	15 49.5
9		82 270.6	20 66.0
10		74 244.2	17 56.1
T		2676.3	557.4
$\bar{x}$		267.6	55.7

Sertoli Cells:

Remarks:

No. 16-217 Date 4/6/1

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 191.4	18 - 59.4
2		73 - 10.9	16 52.8
3		52 171.6	10 33.0
4		51 168.3	22 72.6
5		50 165.0	9 29.7
6		65 214.5	20 66.0
7		53 174.9	10 33.0
8		50 165.0	15 49.5
9		65 214.5	16 52.8
10		70 231.0	15 49.5
T		1937.1	498.3
$\bar{x}$		193.7	49.8

Sertoli Cells:

Remarks: "gertuli" like nuclei in 2° spermatocyte position

No. 16-221 Date 4/6/61

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60. - 198.0	18 - 59.4
2		50 165.0	15 49.5
3		61 201.3	15 49.5
4		86 283.8	15 49.5
5		68 224.4	28 92.4
6		58 191.4	15 49.5
7		57 188.1	11 36.3
8		55 181.5	13 42.9
9		62 204.6	11 36.3
10		56 184.8	21 69.3
T		2022.9	534.6
$\bar{x}$		202.3	53.5

Sertoli Cells: none

Remarks:

E = 26.4 u (2)

No. 16-223 Date VI/61

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		78 - 257.4	23 - 75.9
2		65 214.5	23 75.9
3		90 297.0	15 49.5
4		74 244.2	19 62.7
5		73 240.9	13 42.9
6		81 267.3	20 66.0
7		70 231.0	21 69.3
8		74 244.2	16 52.8
9		86 283.8	18 59.4
10		92 303.6	16 52.8
T		2351.9	607.2
$\bar{x}$		235.2	60.7

Sertoli Cells:

Remarks:

No. 16-224 Date VIc/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		69 - 227.7	13 - 42.9
2		76 250.8	17 56.1
3		60 198.0	20 66.0
4		63 207.9	20 66.0
5		83 273.9	17 56.1
6		78 257.4	19 62.7
7		83 273.9	13 42.9
8		74 244.2	29 95.7
9		57 188.1	15 49.5
10		86 283.8	15 49.5
T		2405.7	587.4
$\bar{x}$		240.6	58.7

Sertoli Cells:

Remarks:

No. 16-226 Date VI/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		56 - 184.8	11 - 36.3
2		55 181.5	18 59.4
3		57 188.3	18 59.4
4		58 191.4	17 56.1
5		70 231.0	15 49.5
6		59 194.7	16 52.8
7		68 224.4	14 46.2
8		55 181.5	21 69.3
9		70 231.0	17 56.1
10		46 151.8	14 46.2
T		1940.4	531.0
$\bar{x}$		194.0	53.1

Sertoli Cells:

Remarks: some tubules still producing sperm

No. 16-230 Date VI/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		58 - 191.4	12 - 39.6
2		66 217.8	10 33.0
3		70 231.0	11 36.3
4		75 247.5	18 59.4
5		68 224.4	15 49.5
6		82 270.6	15 49.5
7		62 204.6	19 62.7
8		60 198.0	15 49.5
9		65 214.5	15 49.5
10		71 234.3	18 59.4
T		2234.1	488.4
$\bar{x}$		223.4	48.8

Sertoli Cells:

Remarks: large intertubular spaces

E = 49.5 μ (1)

No. 16-232 Date VI/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		100 - 330.0	25 - 82.5
2		105 346.5	23 75.9
3		85 280.5	26 85.8
4		65 214.5	21 69.3
5		85 280.5	22 72.6
6		68 224.4	15 49.5
7		88 290.4	27 89.1
8		68 224.4	15 49.5
9		76 250.8	17 56.1
10		72 237.6	18 59.4
T		2679.0	689.7
$\bar{x}$		267.9	69.0

Sertoli Cells:

Remarks: good example of cells dividing concentrically - going thru stage 9 while still in 6? no evidence of tubule dissolution

No. 16-23.3 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		92 - 303.6	15 - 49.5
2		81 267.3	16 52.8
3		62 204.6	13 42.9
4		43 141.9	13 42.9
5		94 310.2	15 49.5
6		87 287.1	25 82.5
7		72 237.6	15 49.5
8		74 244.2	20 66.0
9		84 277.2	24 79.2
10		64 211.2	19 62.7
T		2484.9	577.5
$\bar{x}$		248.5	57.8

Sertoli Cells:

Remarks:

No. 16-234 Date VI/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		61 - 201.3	21 - 69.3
		50 165.0	18 59.4
2		65 214.5	15 49.5
3		61 201.3	12 39.6
4		57 188.1	12 39.6
5		75 247.5	17 56.1
6		58 191.4	20 66.0
7		67 221.1	20 66.0
8		78 257.4	18 59.4
9		74 244.2	17 56.1
10			
T		2131.8	561.0
$\bar{x}$		213.2	56.1

Sertoli Cells:

Remarks:

E = 3.3.0 µ (1)

No. 16-235 Date 6/1/61

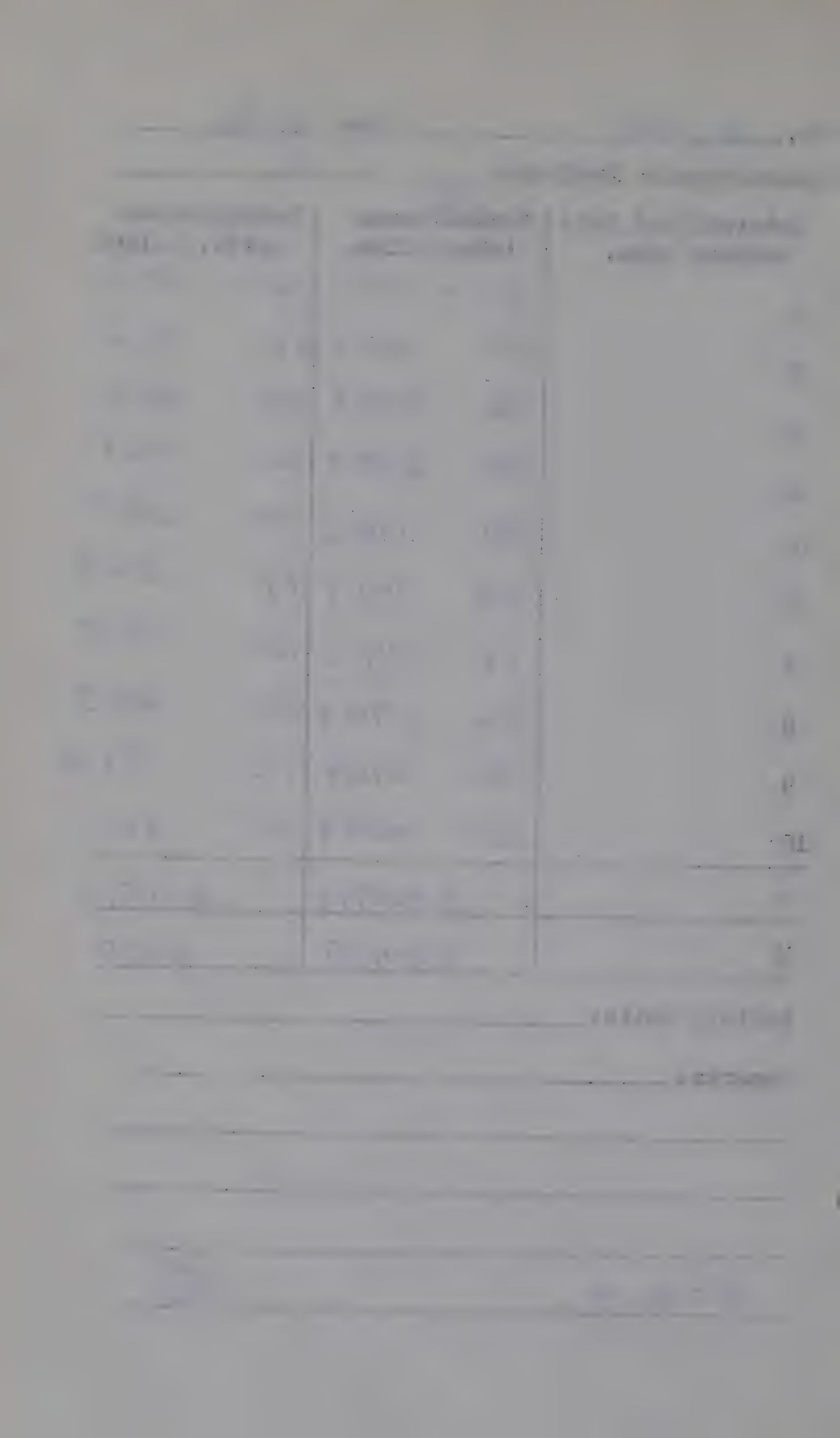
Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		67 - 221.1	18 - 59.4
2		57 188.1	18 59.4
3		76 250.8	20 66.0
4		79 260.7	25 82.5
5		54 178.2	20 66.0
6		58 191.4	19 62.7
7		74 244.2	16 52.8
8		88 290.4	21 69.3
9		88 290.4	12 39.6
10		68 224.4	25 82.5
T		2339.7	640.2
$\bar{x}$		234.0	64.0

Sertoli Cells:

Remarks:

$\bar{E} = 42.9\,\mu$ (1)



No. 16-238 Date 11/6/61

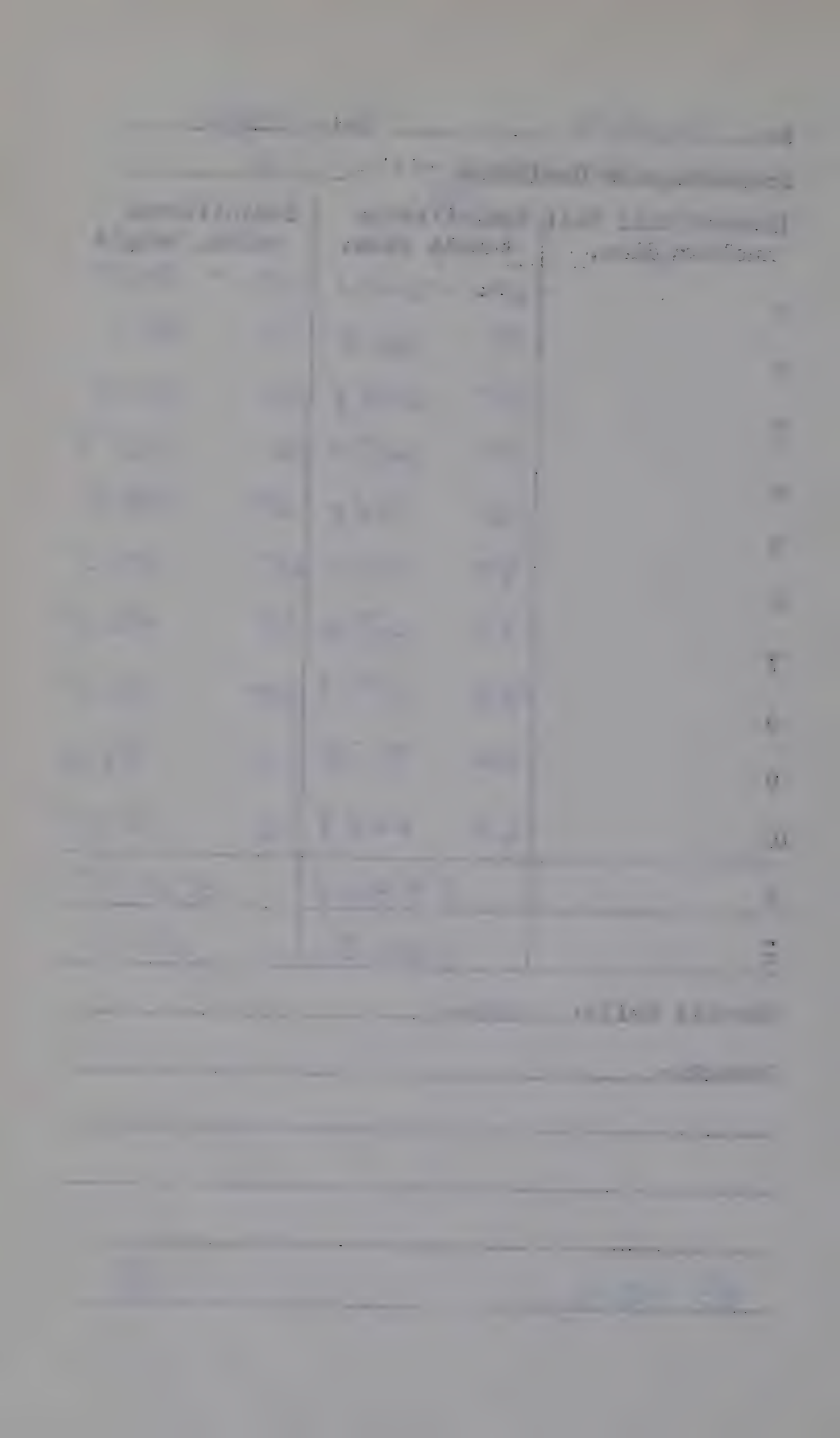
Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	20 - 66.0
2		51 168.3	17 56.1
3		63 207.9	16 52.8
4		50 165.0	16 52.8
5		56 184.8	15 49.5
6		47 155.1	15 49.5
7		72 237.6	13 42.9
8		48 158.4	15 49.5
9		66 217.8	12 39.6
10		68 224.4	16 52.8
T		1940.4	511.5
$\bar{x}$		194.0	51.2

Sertoli Cells: seen

Remarks:

E= 42.9 μ (3)



No. 16-240 Date 6/1/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	56 - 184.8	20 - 66.0
2	58 191.4	12 39.6
3	56 184.8	10 33.0
4	65 214.5	14 46.2
5	66 217.8	17 56.1
6	61 201.3	12 39.6
7	65 214.5	15 49.5
8	57 188.1	10 33.0
9	54 178.2	11 36.3
10	56 184.8	10 33.0
T	1960.2	432.3
$\bar{x}$	196.0	43.2

Sertoli Cells:

Remarks:

E = 46.2 μ (3)

No. 16-243 Date VI/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		65 - 214.5	15 - 49.5
2		63 207.9	23 75.9
3		71 234.3	20 66.0
4		80 264.0	17 56.1
5		72 237.6	15 49.5
6		56 184.8	15 49.5
7		60 198.0	17 56.1
8		61 201.3	10 33.0
9		47 155.1	18 59.4
10		70 231.0	15 49.5
T		2128.5	544.5
$\bar{x}$		212.8	54.4

Sertoli Cells:

Remarks:

No. 16-246 Date 01/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		60 - 198.0	19 - 62.7
2		65 214.5	12 39.6
3		52 171.6	14 46.2
4		68 224.4	25 82.5
5		71 234.3	22 72.6
6		42 138.6	10 33.0
7		67 221.1	20 66.0
8		60 198.0	20 66.0
9		82 270.6	23 75.9
10		71 234.3	16 52.8
T		2105.4	597.3
$\bar{x}$		210.5	59.7

Sertoli Cells:

Remarks:

E = 16.5 μ (4)

No. 46-247 Date 6/1/61

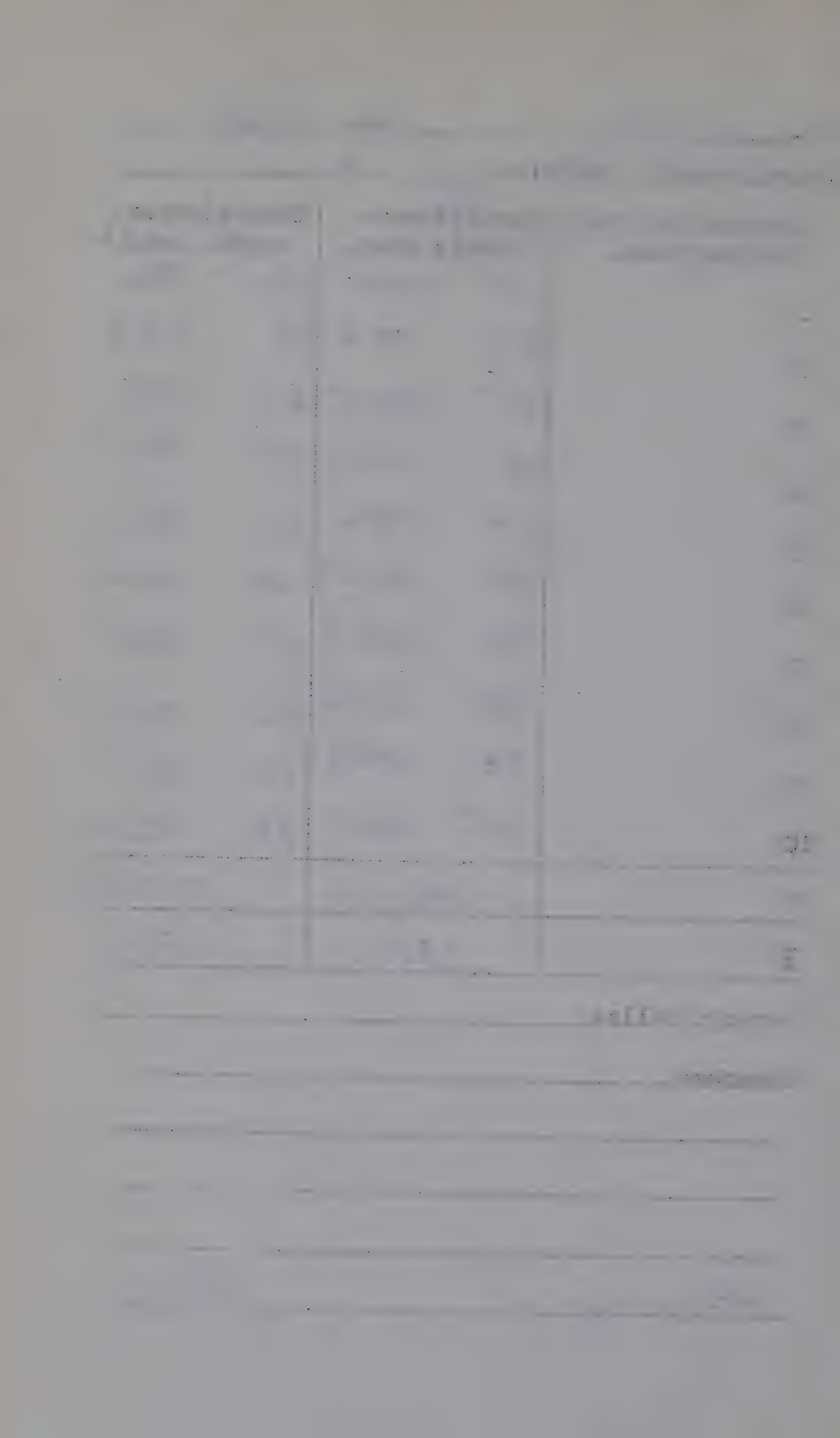
Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		55 - 181.5	12 - 39.6
2		54 178.2	18 59.4
3		75 247.5	23 75.9
4		70 231.0	25 82.5
5		54 178.2	17 56.1
6		55 181.5	20 66.0
7		48 158.4	13 42.9
8		48 158.4	12 39.6
9		73 240.9	17 56.1
10		55 181.5	16 52.5
T		1937.1	570.9
$\bar{x}$		193.7	57.1

Sertoli Cells:

Remarks:

$\bar{E} = 46.24$ (1)



No. 16-248 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		76 - 250.8	25 - 82.5
2		65 214.5	21 69.3
3		55 181.5	21 69.3
4		70 231.0	20 66.0
5		52 171.6	15 49.5
6		53 174.9	9 29.7
7		62 204.6	10 33.0
8		62 204.6	14 46.2
9		61 201.3	11 36.3
10		57 185.1	15 49.5
T		2022.9	531.3
$\bar{x}$		202.3	53.1

Sertoli Cells:

Remarks: large intertubular spaces

E = 19.8 μ (2)

No. '6-250 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		72 - 237.6	12 - 39.6
2		65 214.5	11 36.3
3		50 165.0	10 33.0
4		75 247.5	18 59.4
5		61 201.3	22 39.6
6		83 273.9	10 33.0
7		73 240.9	14 46.2
8		70 231.0	22 72.6
9		61 201.3	10 33.0
10		66 217.8	19 62.7
T		2230.8	455.4
$\bar{x}$		223.1	45.5

Sertoli Cells:

Remarks: large intertubular spaces

E=660μ (2)

No. 16-251 Date VI-c/61

Spermatogenic Condition [illegible] 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		58 - 174.9	12 - 39.6
2		57 188.1	17 56.1
3		63 207.9	15 49.5
4		59 194.7	15 49.5
5		54 178.2	8 26.4
6		62 204.6	15 49.5
7		52 171.6	20 66.0
8		43 141.9	11 36.3
9		45 148.5	11 36.3
10		46 151.8	11 36.3
T		1762.2	445.5
$\bar{x}$		176.2	44.6

Sertoli Cells:

Remarks:

No. 16-252 Date V/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	14 - 46.2
2		62 204.6	16 52.8
3		62 204.6	20 66.0
4		68 224.4	17 56.1
5		49 161.7	10 33.0
6		74 244.2	21 69.3
7		73 240.9	23 75.9
8		67 221.1	22 72.6
9		61 201.3	15 49.5
10		60 198.0	14 46.2
T		2098.8	567.6
$\bar{x}$		209.9	56.8

Sertoli Cells:

Remarks:

E = 16.5 μ

No. 16-254 Date Vd/61

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	70	231.0	10	33.0
2	73	240.9	15	49.5
3	68	224.4	13	42.9
4	76	250.8	14	46.2
5	55	181.5	20	66.0
6	67	221.1	16	52.8
7	58	191.4	15	49.5
8	81	267.3	12	39.6
9	75	247.5	10	33.0
10	64	211.2	10	33.0
T		2267.1		445.5
$\bar{x}$		226.7		44.6

Sertoli Cells:

Remarks:

No. 16-258 Date Dec/61

Spermatogenic Condition ? ?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		60 - 201.3	19 - 62.7
2		64 211.2	19 62.7
3		50 165.0	14 46.2
4		52 171.6	9 29.7
5		68 224.4	14 46.2
6		65 214.5	14 46.2
7		66 217.8	19 62.7
8		81 267.3	15 49.5
9		64 211.2	15 49.5
10		56 184.8	10 33.0
T		2069.1	488.4
$\bar{x}$		206.9	48.8

Sertoli Cells: rare

Remarks: 1° spermatocytes dividing but few others

No. 160-359 Date 4/4/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		65 - 214.5	15 - 49.5
2		61 201.3	10 33.0
3		62 204.6	14 46.2
4		60 198.0	12 39.6
5		66 217.8	10 33.0
6		51 168.3	13 42.9
7		63 207.9	25 82.5
8		50 165.0	19 62.7
9		36 118.8	14 46.2
10		59 194.7	15 49.5
T		1890.9	485.1
$\bar{x}$		189.1	48.5

Sertoli Cells:

Remarks: large intertubular spaces

E=39.6

No. 16-260 Date VII/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		93 - 306.9	20 - 66.0
2		80 264.0	13 42.9
3		99 326.7	15 49.5
4		76 250.8	18 59.4
5		59 194.7	16 52.8
6		85 280.5	15 49.5
7		75 247.5	16 52.8
8		71 234.3	15 49.5
9		83 273.9	15 49.5
10		95 313.5	30 99.0
T		2692.8	570.9
$\bar{x}$		269.3	57.1

Sertoli Cells:

Remarks:

No. 16-361 Date VIII/61

Spermatogenic Condition (2) (6)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		70 - 231.0	22 - 72.6
2		65 214.5	14 46.2
3		50 165.0	18 59.4
4		49 161.7	10 33.0
5		45 148.5	14 46.2
6		62 204.6	10 33.0
7		56 184.8	10 33.0
8		46 151.8	17 56.1
9		40 132.0	14 46.2
10		53 174.9	18 59.4
T		1768.8	485.1
$\bar{x}$		176.9	48.5

Sertoli Cells:

Remarks: tubules widely separated

No. 16-262 Date VIII/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		67 - 221.1	20 - 66.0
2		53 174.9	10 33.0
3		54 178.2	11 36.3
4		60 198.0	20 66.0
5		58 191.4	18 59.4
6		72 237.6	23 75.9
7		75 247.5	18 59.4
8		65 214.5	12 39.6
9		66 217.8	20 66.0
10		55 181.5	21 69.3
T		2062.5	570.9
$\bar{x}$		206.2	57.1

Sertoli Cells:

Remarks: tubules widely separated

E = 26.4 μ (3)

No. 16-269 Date VIII/61

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		50 - 165.0	10 - 33.0
2		54 178.2	18 59.4
3		40 132.0	15 49.5
4		37 122.1	15 49.5
5		42 138.6	10 33.0
6		36 118.8	15 49.5
7		37 122.1	11 36.3
8		32 105.6	11 36.3
9		43 141.9	18 59.4
10		50 165.0	13 42.9
T		1389.3	448.5
$\bar{x}$		138.9	44.8

Sertoli Cells:

Remarks: Tubules separated

No. 16-264 Date VIII/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		40 - 132.0	6 - 19.8
2		43 141.9	8 26.4
3		46 151.8	13 42.9
4		56 184.8	11 36.3
5		58 191.4	13 42.9
6		49 161.7	12 39.6
7		60 198.0	16 52.8
8		37 122.1	10 33.0
9		55 181.5	12 39.6
10		48 158.4	8 26.4
T		1623.6	359.7
$\bar{x}$		162.4	36.0

Sertoli Cells:

Remarks: tubules separated

No. 16-268 Date 1X/61

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		32 - 105.6	
2		28 92.4	
3		30 99.0	
4		31 102.3	
5		35 115.5	
6		38 125.4	
7		35 115.5	
8		33 108.9	
9		33 108.9	
10		32 105.6	
T		1079.1	
$\bar{x}$		107.9	

Sertoli Cells:

Remarks:

No. 16-271 Date IX/61

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		28 - 92.4	
2		26 85.8	
3		24 79.2	
4		40 132.0	
5		41 135.3	
6		32 105.6	
7		28 92.4	
8		33 108.9	
9		36 118.8	
10		29 95.7	
T		1046.1	
$\bar{x}$		104.6	

Sertoli Cells:

Remarks:

No. 16-273 Date IX/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		68 - 224.4	7 - 23.1
2		55 181.5	10 33.0
3		61 201.3	8 26.4
4		43 141.9	10 33.0
5		44 145.2	10 33.0
6		43 141.9	11 36.3
7		45 148.5	10 33.0
8		40 132.0	10 33.0
9		49 161.7	14 46.2
10		42 138.6	15 49.5
T		1617.0	346.5
$\bar{x}$		161.7	34.6

Sertoli Cells:

Remarks: tubules starting to separate

No. 16-274 Date X/61

Spermatogenic Condition 9?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		19 - 62.7	
2		21 69.3	
3		20 66.0	
4		23 75.9	
5		23 75.9	
6		20 66.0	
7		21 69.3	
8		24 79.2	
9		24 79.2	
10		26 85.8	
T		729.3	
$\bar{x}$		72.9	

Sertoli Cells:

Remarks: tubules separated

No. 16-279 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	16 - 52.8
2		69 227.7	14 46.2
3		60 198.0	18 59.4
4		70 231.0	15 49.5
5		70 231.0	25 82.5
6		62 204.6	16 52.8
7		68 224.4	20 66.0
8		66 217.8	15 49.5
9		52 171.6	9 29.7
10		79 260.7	19 62.7
T		2187.9	551.1
$\bar{x}$		218.8	55.1

Sertoli Cells:

Remarks: 6 central tubules separated

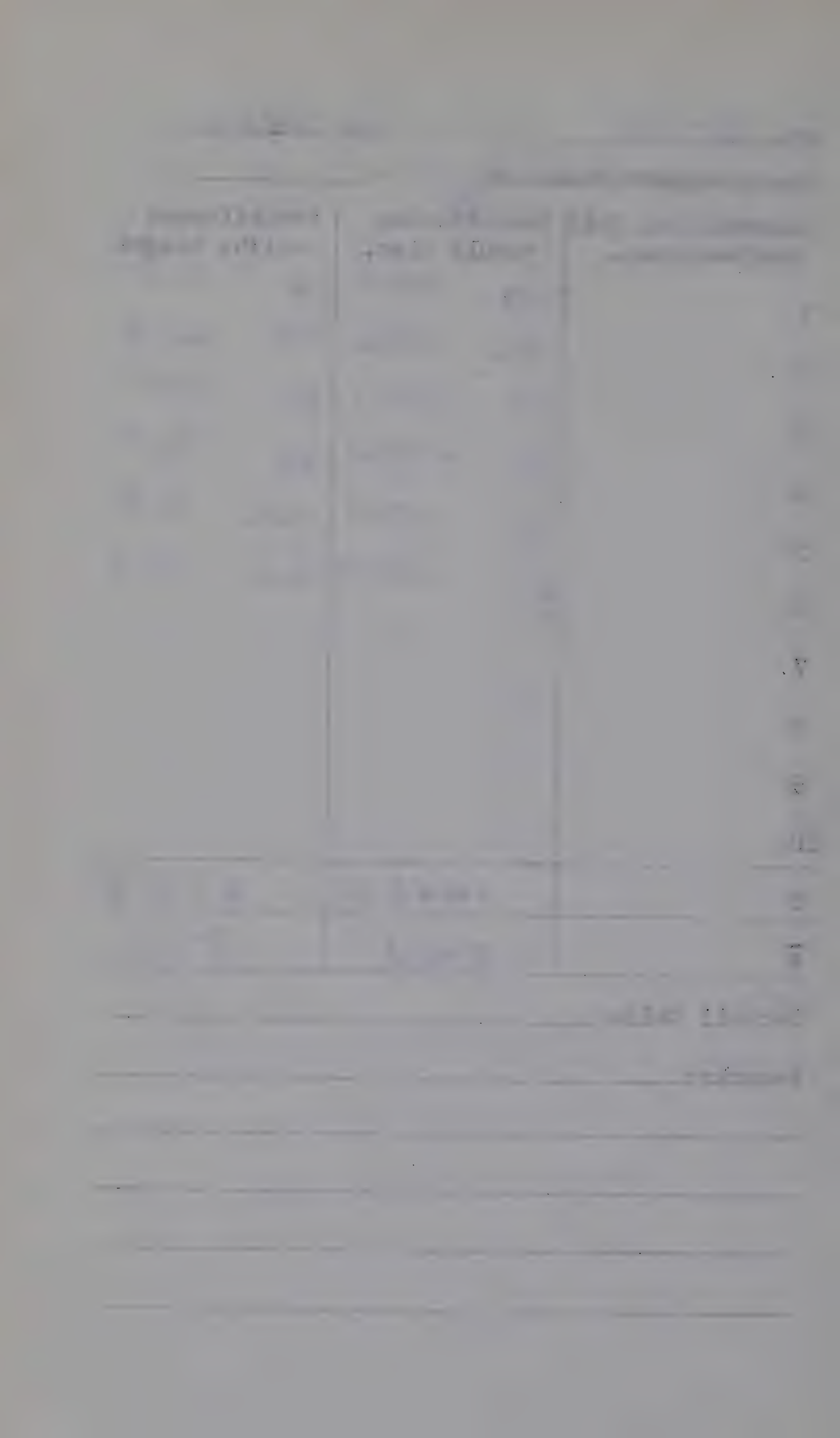
No. 11-38C Date 11/4/62

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		76 - 250.8	14 - 52.8
2		82 270.6	20 66.0
3		77 254.1	15 49.5
4		71 234.3	13 42.9
5		70 231.0	22 72.6
6		61 201.3	22 72.6
7			
8			
9			
10			
T		1442.1	356.4
$\bar{x}$		240.3	59.4

Sertoli Cells:

Remarks:



No. 10-282 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		57 - 188.1	12 - 39.6
2		69 227.7	13 42.9
3		60 198.0	14 46.2
4		44 145.2	15 49.5
5		60 198.0	16 52.8
6		65 214.5	20 66.0
7		50 165.0	15 49.5
8		65 214.5	18 59.4
9		77 254.1	21 69.3
10		48 158.4	15 49.5
T		1963.5	524.7
$\bar{x}$		196.4	52.5

Sertoli Cells:

Remarks:

No. 16-283 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		90 - 316.8	20 - 66.0
2		83 273.9	25 82.5
3		74 244.2	11 36.3
4		66 217.8	15 49.5
5		83 273.9	17 56.1
6		85 280.5	20 66.0
7		77 254.1	15 49.5
8		66 217.8	15 49.5
9		69 227.7	23 75.9
10		73 240.9	15 49.5
T		2547.6	580.5
$\bar{x}$		254.8	58.1

Sertoli Cells:

Remarks:

E = 39.6 μ

No. 16-284 Date 4/62

Spermatogenic Condition of testis 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	14 - 46.2
2		52 171.6	14 46.2
3		65 214.5	16 52.8
4		51 168.3	15 49.5
5		57 188.1	15 49.5
6		48 158.4	15 49.5
7		54 178.2	12 39.6
8		44 145.2	10 33.0
9		61 201.3	15 49.5
10		67 221.1	15 49.5
T		1867.8	465.3
$\bar{x}$		186.8	46.5

Sertoli Cells:

Remarks:

$\bar{E}$ = 19.8 μ

No. 16-287 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 217.8	10 - 33.0
2		68 224.4	15 49.5
3		89 293.7	12 39.6
4		89 293.7	16 52.8
5		62 204.6	10 33.0
6		70 231.0	18 59.4
7		68 224.4	11 36.3
8		56 184.8	20 66.0
9		63 207.9	20 66.0
10		55 181.5	10 33.0
T		2203.8	468.6
$\bar{x}$		226.4	46.9

Sertoli Cells:

Remarks: Tubules separated

E= 830μ

No. 16-788 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		75 - 257.4	17 - 56.1
2		80 264.0	20 66.0
3		67 221.1	26 85.8
4		68 224.4	15 49.5
5		64 217.8	16 52.8
6		62 204.6	17 56.1
7		80 264.0	18 59.4
8		82 270.6	26 85.8
9		67 221.1	16 52.8
10		97 320.1	30 99.0
T		2465.1	663.3
$\bar{x}$		246.5	66.3

Sertoli Cells:

Remarks:

E = 52.8 μ (2)

No. 16-295 Date 11/6/62

Spermatogenic Condition [illegible] 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		231.0	72.6
2	43	141.9	15 49.5
3	54	178.2	10 33.0
4	59	194.7	18 59.4
5	58	191.4	12 39.6
6	60	198.0	16 52.8
7	53	181.5	14 46.2
8	57	188.1	14 46.2
9	44	145.2	9 29.7
10	48	158.4	10 33.0
T		1808.4	462.0
$\bar{x}$		180.8	46.2

Sertoli Cells: _____

Remarks: _____

No. 16-296 Date 11/62

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		74 - 244.2	15 - 49.5
2		88 290.4	20 66.0
3		93 207.9	17 56.1
4		86 283.8	13 42.9
5		80 264.0	15 49.5
6		79 260.7	18 59.4
7		71 234.3	15 49.5
8		65 214.5	15 49.5
9		65 214.5	17 56.1
10		65 214.5	18 59.4
T		2428.8	537.9
$\bar{x}$		242.9	53.8

Sertoli Cells:

Remarks: separated tubules

E = 49.5 μ

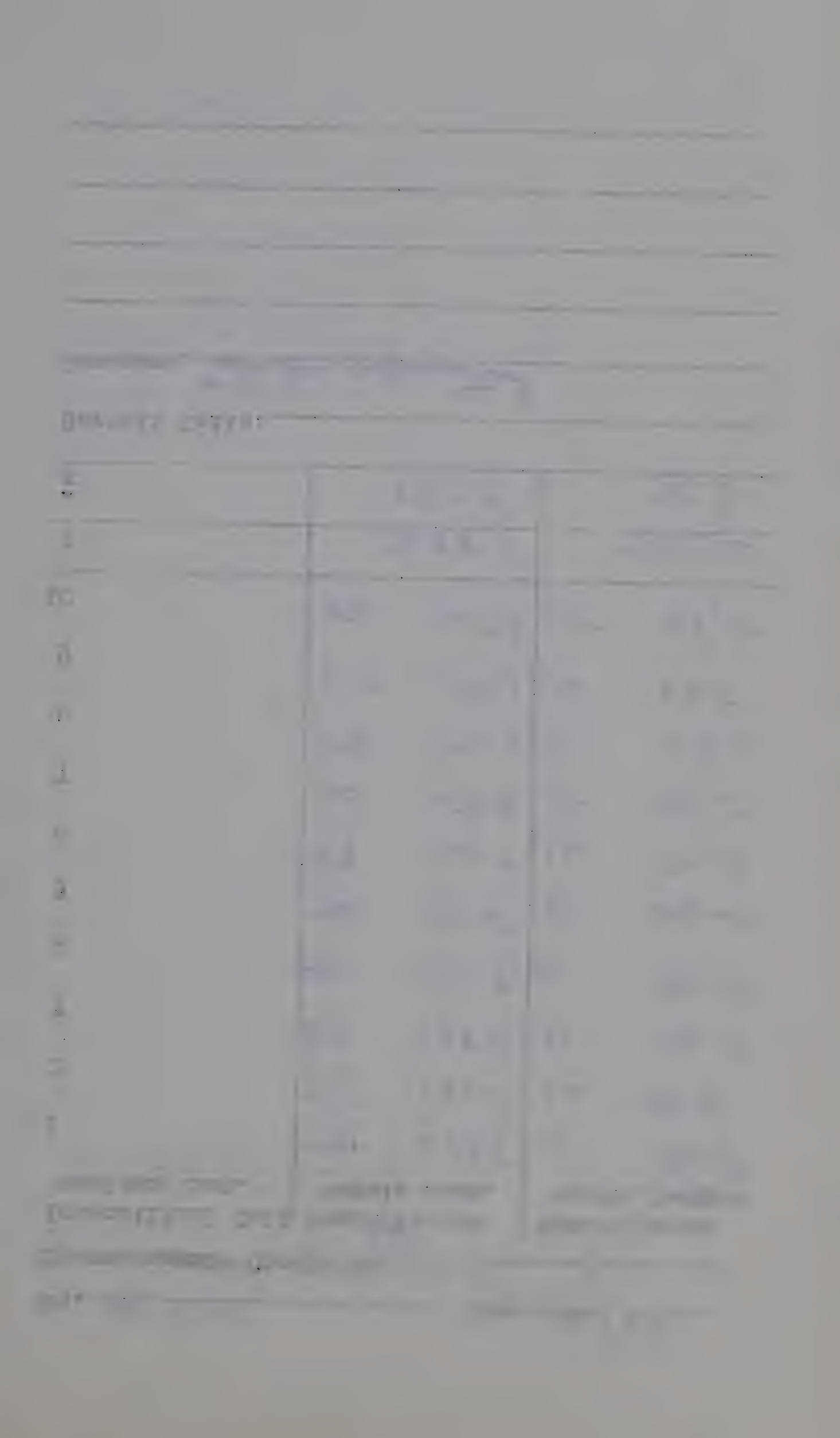
No. 16-298 Date VI 6 / 62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		75 - 247.5	11 - 36.3
2		55 181.5	12 39.6
3		60 198.0	11 36.3
4		41 135.3	10 33.0
5		46 151.8	11 36.3
6		49 161.7	12 39.6
7		70 231.0	15 49.5
8		58 191.4	11 36.3
9		53 174.9	16 52.8
10		50 165.0	15 49.5
T		1838.1	409.2
$\bar{x}$		183.8	40.9

Sertoli Cells:

Remarks: Tubules separated



No. 16-301 Date VII/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		1.4 - 211.2	12 - 39.6
2		60 198.0	12 39.6
3		58 191.4	10 33.0
4		66 217.8	18 59.4
5		52 171.6	17 56.1
6		66 217.8	12 39.6
7		60 198.0	12 39.6
8		65 214.5	14 46.2
9		47 155.1	10 33.0
10		58 191.4	15 49.5
T		1966.8	435.6
$\bar{x}$		196.7	43.6

Sertoli Cells:

Remarks:

E=19.8 μ

No. 16-302 Date VII/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		56 - 184.8	13 - 42.9
2		53 174.9	15 49.5
3		46 151.8	12 39.6
4		87 287.1	15 49.5
5		45 148.5	15 49.5
6		58 191.4	20 66.0
7		45 148.5	9 29.7
8		55 181.5	10 33.0
9		47 155.1	12 39.6
10		53 174.9	14 46.2
T		1798.5	445.5
$\bar{x}$		179.8	44.6

Sertoli Cells:

Remarks:

E = 39.6 µ (2)

No. 16-303 Date 11/1/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		21 - 69.3	
2		24 79.2	
3		20 66.0	
4		18 59.4	
5		20 66.0	
6		21 69.3	
7		21 69.3	
8		21 69.3	
9		26 55.8	
10		19 62.7	
T		696.3	
$\bar{x}$		69.6	

Sertoli Cells:

Remarks:

E = 26.4 μ (1)

No. 16-306 Date 11/11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		55 - 181.5	16 - 52.8
2		70 231.0	22 72.6
3		73 240.9	13 42.9
4		58 191.4	10 33.0
5		60 198.0	10 33.0
6		53 174.9	10 33.0
7		53 174.9	10 33.0
8		54 178.2	15 49.5
9		61 201.3	10 33.0
10		80 264.0	16 52.8
T		2036.1	435.6
$\bar{x}$		203.6	43.6

Sertoli Cells:

Remarks: tubules widely separated

No. 16-307 Date VII/6-3

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		40 - 132.0	12 - 39.6
2		43 141.9	14 46.2
3		54 178.2	16 52.8
4		55 181.5	16 52.8
5		52 171.6	20 66.0
6		40 132.0	10 33.0
7		46 151.8	10 33.0
8		48 158.9	12 39.6
9		43 141.9	12 39.6
10		61 201.3	15 49.5
T		1590.6	452.1
$\bar{x}$		159.1	45.2

Sertoli Cells:

Remarks:

No. 16-310 Date VIII/62

Spermatogenic Condition 4

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	10 - 33.0
2	56 184.8	21 69.3
3	43 141.9	10 33.0
4	50 165.0	10 33.0
5	51 168.3	10 33.0
6	43 141.9	9 29.7
7	47 155.1	10 33.0
8	40 132.0	10 33.0
9	38 125.4	17 56.1
10	51 168.3	12 39.6
T	1541.1	392.7
$\bar{x}$	154.1	39.3

Sertoli Cells:

Remarks: tubule widely separated

No. 16-311 Date VII/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		48 - 158.4	10 - 33.0
2		58 191.4	18 59.4
3		57 188.1	18 59.4
4		53 174.9	15 49.5
5		56 184.8	20 66.0
6		51 168.3	13 42.9
7		56 184.8	8 26.4
8		61 201.3	19 62.7
9		51 168.3	15 49.5
10		53 174.9	16 52.8
T		1795.2	501.6
$\bar{x}$		179.5	50.2

Sertoli Cells:

Remarks:

No. 110 - 313 Date VIII / 62

Spermatogenic Condition E 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		68 - 224.4	15 - 49.5
2		45 148.5	12 39.6
3		59 194.7	12 39.6
4		68 224.4	15 49.5
5		64 211.2	14 46.2
6		63 207.9	12 39.6
7		52 171.6	23 75.9
8		60 198.0	18 59.4
9		61 201.3	15 49.5
10		40 132.0	10 33.0
T		1914.0	481.8
$\bar{x}$		191.4	48.2

Sertoli Cells:

Remarks: Tubules separated

No. 16-315 Date IX / 62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		48 - 158.4	
2		45 148.5	
3		32 105.6	
4		45 148.5	
5		40 132.0	
6		53 174.9	
7		25 82.5	
8		46 151.8	
9		34 112.2	
10		43 141.9	
T		1356.3	
$\bar{x}$		135.6	

Sertoli Cells:

Remarks:

E = 23.1, 4 (2)

No. 11-317 Date IX/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		32 - 105.6	
2		26 85.8	
3		28 92.4	
4		23 75.9	
5		32 105.6	
6		41 135.3	
7		26 85.8	
8		28 92.4	
9		29 95.7	
10		30 99.0	
T		973.5	
$\bar{x}$		97.4	

Sertoli Cells:

Remarks:

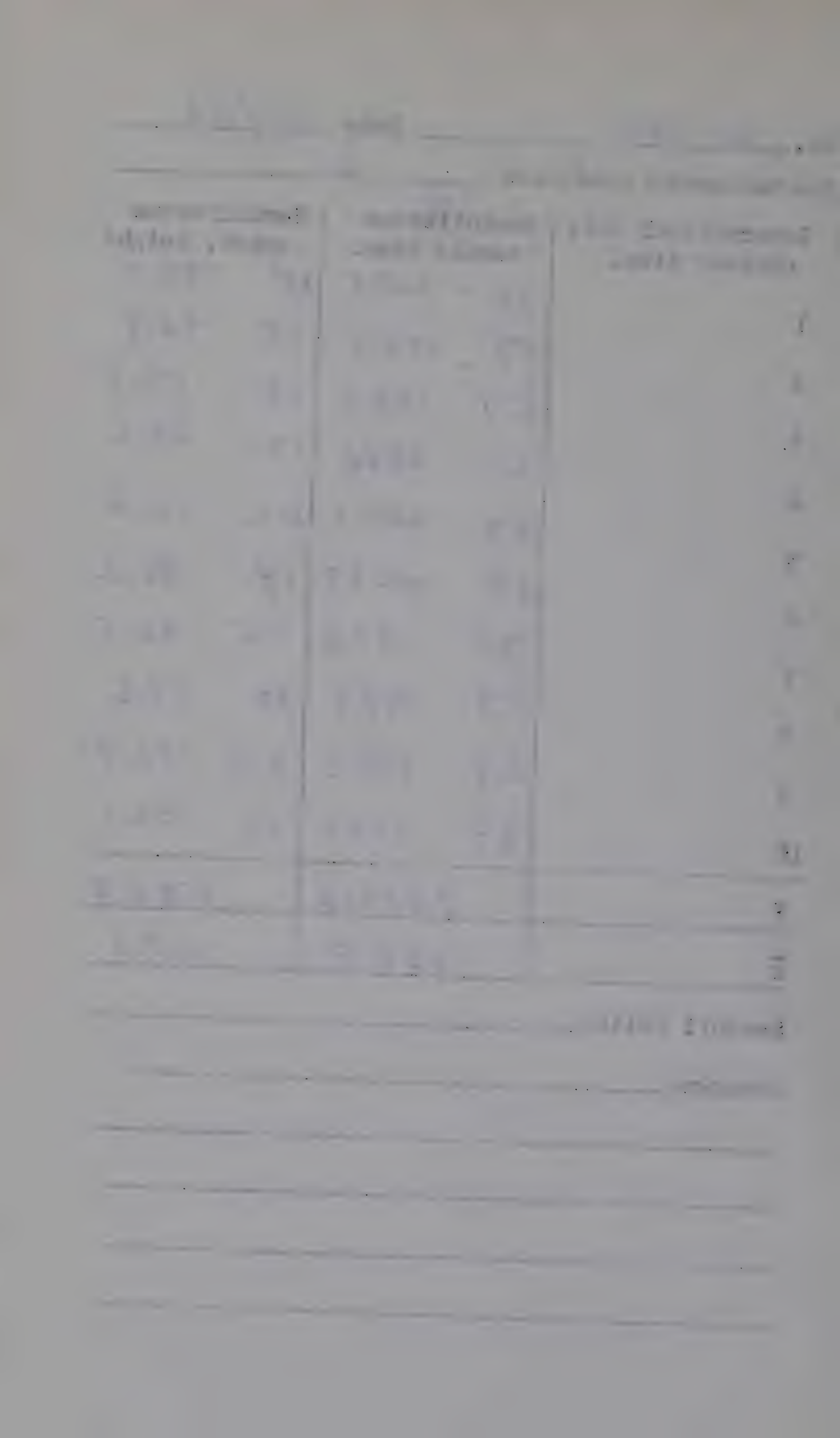
No. 16-318 Date 10/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		76 - 250.8	15 - 49.5
2		59 194.7	13 42.9
3		57 188.1	18 59.4
4		62 204.6	12 39.6
5		69 227.7	22 72.6
6		69 227.7	14 46.2
7		90 297.0	25 82.5
8		59 194.7	12 39.6
9		64 211.2	28 92.4
10		67 221.1	17 56.1
T		2217.6	580.8
$\bar{x}$		221.8	58.1

Sertoli Cells:

Remarks:



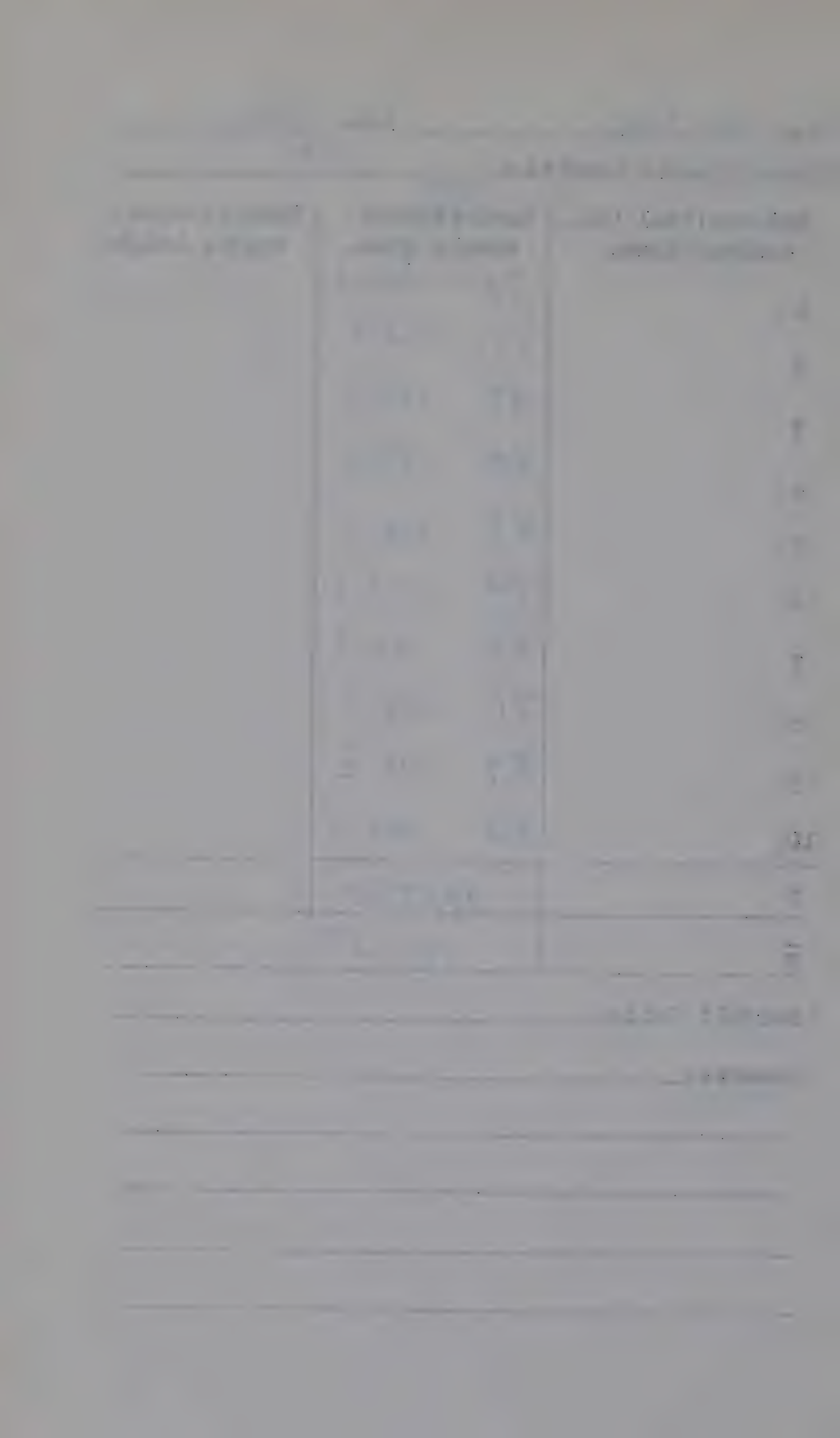
No. 16-320 Date 10/63

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		37 - 122.1	
2		38 125.4	
3		47 153.1	
4		30 99.0	
5		39 128.7	
6		33 108.9	
7		28 92.4	
8		31 102.3	
9		34 112.2	
10		33 108.9	
T		1155.0	
$\bar{x}$		115.5	

Sertoli Cells:

Remarks:



No. 16-322 Date 10/63

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		40. - 132.0	
2		43 141.9	
3		42 138.6	
4		50 165.0	
5		58 191.4	
6		47 155.1	
7		32 105.6	
8		43 141.9	
9		52 171.6	
10		60 198.0	
T		1541.1	
$\bar{x}$		154.1	

Sertoli Cells:

Remarks: all stages present, lumen not developing; layer of metamorphosing spermatids appears to be sloughing off from wall of tubule

No. 16-323 Date 10/6/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		64 - 201.3	18 - 59.4
2		64 211.2	22 72.6
3		83 273 9	17 56.1
4		72 237.6	25 82.5
5		80 264.0	24 79.2
6		61 201.3	20 66.0
7		68 224.4	22 72.6
8		82 270.6	15 49.5
9			
10			
T		1884.3	537.9
$\bar{x}$		235.5	67.2

Sertoli Cells:

Remarks:

101.8 x 23.3 - x-section of metaphase

No. 16-324 Date 11/63

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		55 - 181.5	10 - 33.0
2		56 184.8	13 42.9
3		66 217.8	20 66.0
4		61 201.3	20 66.0
5		60 198.0	16 52.8
6		65 214.5	10 33.0
7		57 188.1	16 52.8
8		55 181.5	10 33.0
9		88 290.4	20 66.0
10		69 227.7	11 36.3
T		2085.6	481.8
$\bar{x}$		208.6	48.2

Sertoli Cells:

Remarks:

E = 36.3 µ (3)

No. 16-326 Date 16/63

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	60	198.0	14	46.2
2	43	141.9	18	59.4
3	48	158.4	14	46.2
4	46	151.8	8	26.4
5	58	191.4	10	33.0
6	31	102.3	6	19.8
7	51	168.3	18	59.4
8	46	151.8	10	33.0
9	54	178.2	17	56.1
10	54	178.2	15	49.5
T		1620.3		429.0
$\bar{x}$		162.0		42.9

Sertoli Cells:

Remarks:

E = 33.0 μ (2)

No. 16-329 Date 14/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	11 - 36.3
2		72 237.6	15 49.5
3		74 244.2	20 66.0
4		65 214.5	17 56.1
5		73 240.9	25 82.5
6		73 240.9	15 49.5
7		65 214.5	14 46.2
8		75 247.5	26 85.8
9		67 221.1	12 39.6
10		55 181.5	15 49.5
T		2263.8	561.0
$\bar{x}$		226.4	56.1

Sertoli Cells:

Remarks:

No. 16-330 Date 14c/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		234.3	56.1
2		237.6	69.3
3		264.0	112.2
4		240.9	56.1
5		204.6	36.3
6		260.7	66.0
7		283.8	72.6
8		260.7	33.0
9		257.4	59.4
10		214.5	66.0
T		2458,5	627.0
$\bar{x}$		245,8	62.7

Sertoli Cells:

Remarks:

$\bar{E}$ = 36.3 μ

(2)

No. 16-331 Date 10/63

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		85 - 280.5	28 - 92.4
2		65 214.5	16 52.8
3		100 330.0	23 75.9
4		72 237.6	15 49.5
5		75 247.5	20 66.0
6		62 204.6	28 92.4
7		66 217.8	10 33.0
8		76 250.8	15 49.5
9			
10			
T		1983.3	511.5
$\bar{x}$		247.9	63.9

Sertoli Cells: _____

Remarks: _____

No. 16-334 Date 10/63

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: Tissue unrecognizable

No. 16-338 Date 4/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	13 - 42.9
2		64 211.2	20 66.0
3		80 264.0	18 59.4
4		56 184.8	15 49.5
5		61 201.3	18 59.4
6			
7			
8			
9			
10			
T		1059.3	277.2
$\bar{x}$		211.8	55.4

Sertoli Cells: seen

Remarks:

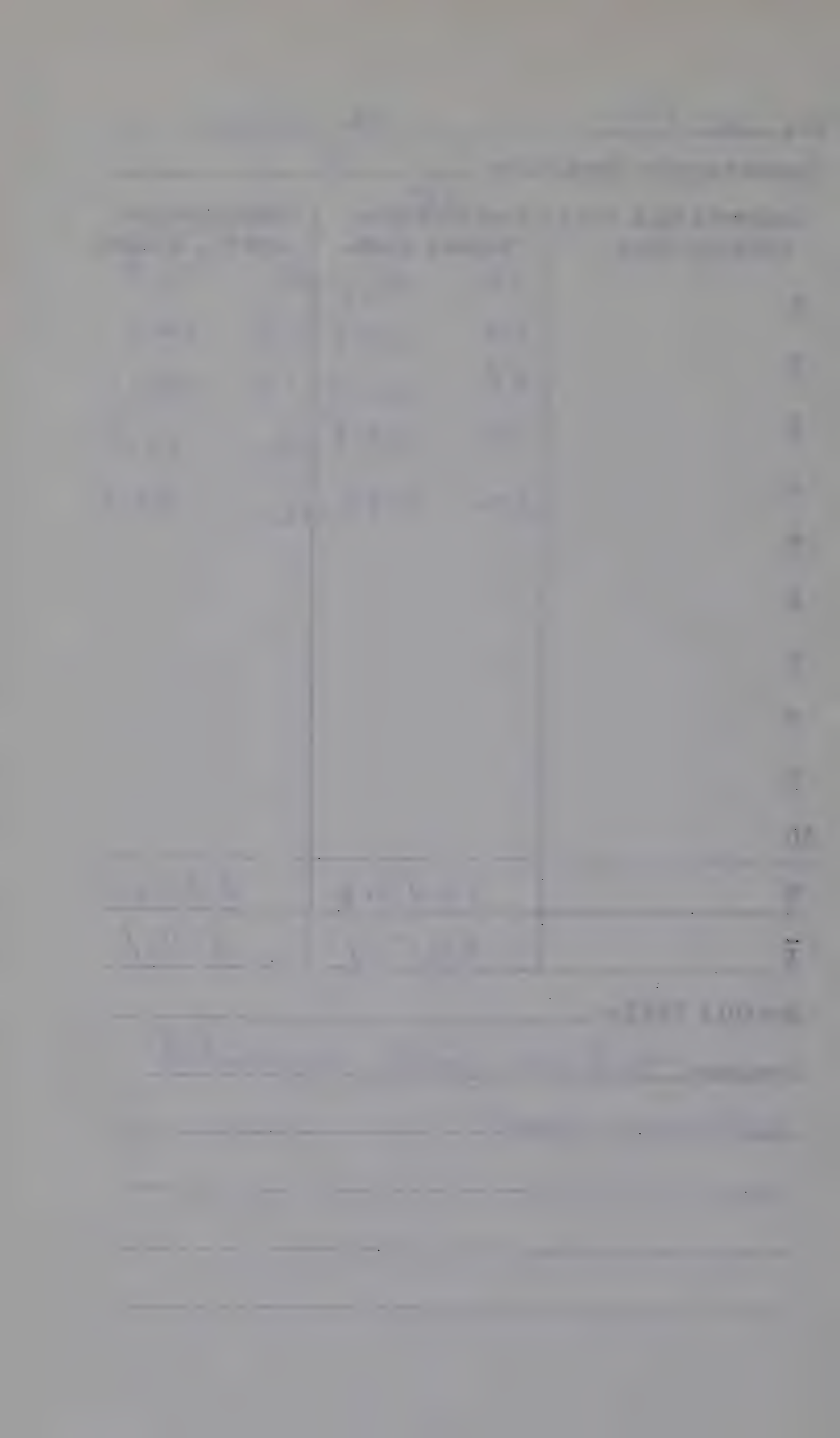
No. 16-340 Date 1/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		520 - 184.8	16 - 52.8
2		608 224.4	20 66.0
3		520 165.0	14 46.2
4		764 250.8	16 52.8
5		62 204.6	16 52.8
6			
7			
8			
9			
10			
T		1029.6	270.6
$\bar{x}$		205.9	54.1

Sertoli Cells:

Remarks: tubules widely separated, falling apart



No. 16-343 Date 1/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		58 - 191.4	13 - 42.9
2		62 204.6	11 36.3
3		60 198.0	10 33.0
4		58 191.4	12 39.6
5		60 198.0	12 39.6
6		52 171.6	11 36.3
7		53 174.9	15 49.5
8		66 217.8	17 56.1
9		57 188.3	13 42.9
10		53 174.9	12 39.6
T		1890.9	415.8
$\bar{x}$		189.1	41.6

Sertoli Cells:

Remarks:

No. 16-345 Date 4/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		58 - 191.4	11 - 36.3
2		60 198.0	10 33.0
3		60 198.0	18 59.4
4		61 201.3	15 49.5
5		71 234.3	11 36.3
6		62 204.6	11 36.3
7		63 207.9	13 42.9
8			
9			
10			
T		1435.5	293.7
$\bar{x}$		205.0	42.0

Sertoli Cells:

Remarks:

E= 36.3 (2)

No. 16-347 Date 4.6.3

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		49 - 161.7	14 - 46.2
2		91 300.3	20 66.0
3		69 227.7	19 62.7
4		82 270.6	17 56.1
5		65 214.5	16 52.8
6		67 221.1	9 29.7
7		86 283.8	15 49.5
8		50 165.0	14 46.2
9		53 174.9	17 56.1
10		53 174.9	12 39.6
T		2194.5	504.9
$\bar{x}$		219.4	50.5

Sertoli Cells:

Remarks:

No. 16-348 Date 4/63

Spermatogenic Condition ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
	65 - 214.5	16 - 52.8
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: tissue most peculiar - 3 tubules seem a normal 6, not unidentifiable as to stage

E = 59.6 μ

(2)

No. 16-350 Date VI/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		64 - 211.2	20 - 66.0
2		50 165.0	15 49.5
3		54 178.2	15 49.5
4		52 171.6	16 52.8
5		62 204.6	11 36.3
6		77 254.1	20 66.0
7		75 247.5	16 52.8
8		72 237.6	13 42.9
9		51 168.3	16 52.8
10		52 171.6	19 62.7
T		2009.7	531.3
$\bar{x}$		201.0	53.1

Sertoli Cells: seen

Remarks:

Date _____

Spermatogenetic Condition _____

Interstitial Cell Nucleary diam.	Seminiferous tubule diam.	Seminiferous epith. height

R-351

STEEL BACKPLATE

S. E. & M. VERNON, INC.

U. S. A.